

THE
EIGHTH BIENNIAL REPORT
OF THE
Commissioner of Agriculture
STATE OF FLORIDA

FOR THE PERIOD

**Beginning January 1, 1903, and Ending
December 31, 1904.**



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**L. B. Hilson, State Printer,  
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1005.

# County Map of the State of Florida.

Showing Location of Counties.



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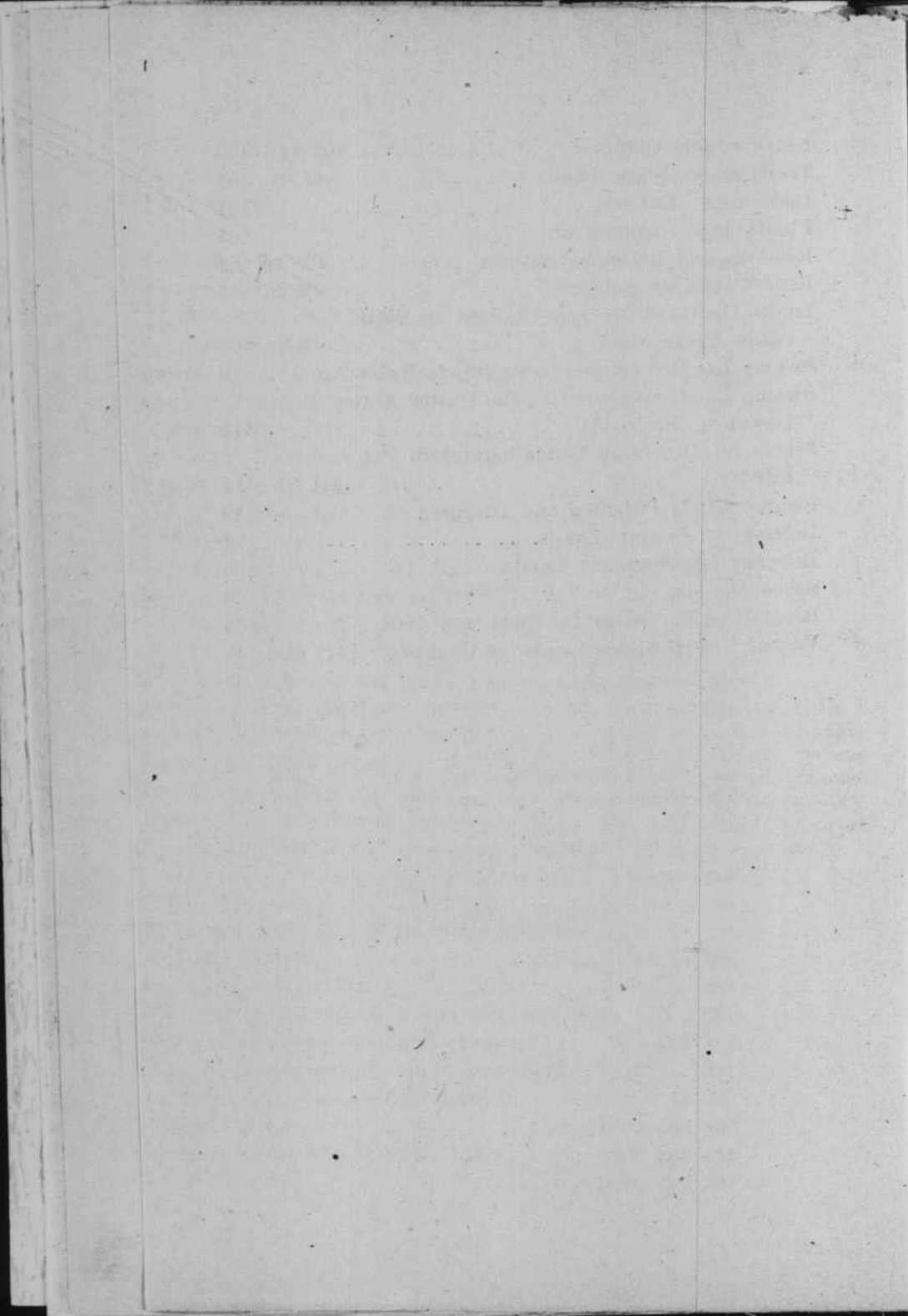
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## INDEX.

|                                                  | PAGE.       |
|--------------------------------------------------|-------------|
| Miniature Map of Florida, .....                  | 2           |
| Letter of Transmittal, .....                     | 3           |
| Introduction, .....                              | 5 to 8      |
| AGRICULTURE AND IMMIGRATION,.....                | 9 to 202    |
| Value of Crops, etc.,.....                       | 9 to 12     |
| Recapitulation of Acreage and Values of          |             |
| Crops,.....                                      | 13 and 14   |
| Stock Raising, .....                             | 14 to 22    |
| Fisheries, .....                                 | 22 and 23   |
| Manufactories, .....                             | 24 and 25   |
| Office Work, .....                               | 25          |
| Handbook, .....                                  | 26          |
| Geological Survey, .....                         | 26          |
| Commercial Statistics, .....                     | 27 and 28   |
| Meteorological Report, .....                     | 28          |
| Immigration, Labor, Wages, etc., .....           | 28 to 38    |
| Statistical Report for the Year 1902, .....      | 40 to 106   |
| Statistical Report for the Year 1903, .....      | 109 to 183  |
| Commercial Statistics for 1903, .....            | 185 to 194  |
| Meteorological Report for the Year 1903,....     | 196 to 202  |
| FERTILIZER MATTERS, .....                        | 204 to 211  |
| What the Fertilizer Department is Doing,...      | 204 and 205 |
| Requirements of Manufacturers, .....             | 205 and 206 |
| The Tax Stamp, .....                             | 206 and 207 |
| How this Work is Checked up, .....               | 207         |
| Bulletin, .....                                  | 208         |
| Reference to State Chemist's Report, .....       | 209         |
| Needs of this Branch of the Department,....      | 209 and 210 |
| Who are Benefitted by this Work, .....           | 210         |
| Tables Showing Tons Sold and Revenue Collected.. | 211         |
| State Chemist's Report, .....                    | 213 to 297  |

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| STATE PRISON MATTERS, .....                                             | 300 to 388  |
| Remarks, .....                                                          | 300 to 302  |
| Punishments, .....                                                      | 302         |
| Guards, .....                                                           | 303 to 308  |
| County Prisoners, .....                                                 | 308         |
| Revenue Derived, .....                                                  | 309 to 311  |
| Prison Fund Distributed, .....                                          | 311         |
| Information, how Derived, .....                                         | 312 to 314  |
| Pardons, .....                                                          | 314 to 316  |
| Central Hospital, .....                                                 | 316 and 317 |
| Apprehending Escapes, .....                                             | 317         |
| Is Crime Increasing, .....                                              | 318         |
| Supervisor and Physician, .....                                         | 318 to 320  |
| Office Work, .....                                                      | 320         |
| Chaplains, .....                                                        | 320         |
| Report of Physician, June 1904, .....                                   | 322 to 325  |
| Report of Physician, Dec. 1904, .....                                   | 332 to 339  |
| Supervisor's Report, .....                                              | 326 to 332  |
| Statistics of Prisoners, 1903, .....                                    | 340 and 345 |
| Statistics of Prisoners, 1904, .....                                    | 361 to 376  |
| Distribution of Fund For 1903, .....                                    | 355 to 361  |
| Distribution of Fund For 1904, .....                                    | 377 to 384  |
| Rules and Regulations, .....                                            | 385 to 388  |
| LAND MATTERS, .....                                                     | 391 to 441  |
| Swamp and Overflowed Lands, .....                                       | 391 and 392 |
| Swamp and Overflowed Land, how disposed<br>of, .....                    | 392 to 394  |
| Title, how vested, .....                                                | 394         |
| U. S. Lands Granted to the State Specifical-<br>ly for Railroads, ..... | 394 to 396  |
| Swamp Land Indemnity, .....                                             | 396         |
| Proceeds from Indemnity, how disposed of, .....                         | 396         |
| Internal Improvement Lands Proper, .....                                | 396 and 397 |
| Internal Improvement Lands, how disposed of, ....                       | 397         |
| Lands for Educational Purposes, .....                                   | 398         |
| School Land Indemnity, .....                                            | 399 and 400 |
| Methods in use and Work in Office, .....                                | 400 and 401 |
| Tract Books, .....                                                      | 401 and 402 |

|                                                                         |             |
|-------------------------------------------------------------------------|-------------|
| Patents, how Obtained, .....                                            | 402 and 403 |
| Trespass on State Lands, .....                                          | 403 to 405  |
| Instalment Entries, .....                                               | 404         |
| Funds, how Disposed of, .....                                           | 404         |
| Remarks and Recommendations, .....                                      | 405 to 407  |
| Land Tables by Subjects, .....                                          | 405 to 441  |
| Lands Conveyed to, and Claimed by Rail-<br>roads, Table No. 1, .....    | 408 to 409  |
| Swamp Lands Conveyed to Railroads, Table No. 2, ..                      | 410         |
| Swamp Lands Approved by the United States<br>Direct to Railroads, ..... | 414         |
| Status of all Swamp Lands heretofore Pat-<br>ented, .....               | 415 to 417  |
| Swamp Lands Patented and Disposed of, ..                                | 418 and 419 |
| Indemnity, Swamp Lands, .....                                           | 422         |
| Internal Improvement Lands, .....                                       | 423         |
| School Lands, .....                                                     | 426         |
| Recapitulation, Sales for 1903 and 1904, .....                          | 439         |
| Vacant United States Lands, by Counties,...                             | 440 and 441 |



Agricultural Department, State of Florida,  
Commissioners Office,  
Tallahassee, January 2, 1905.

*Letter of Transmittal.*

To His Excellency,

W. E. Jennings,

Governor of the State of Florida.

SIR—Complying with the law requiring the Commissioner of Agriculture to submit a report of the affairs connected with the Department of Agriculture, I have the honor to submit the following, for the years 1903 and 1904, which covers the years of 1902 and 1903 of Agricultural Statistics.

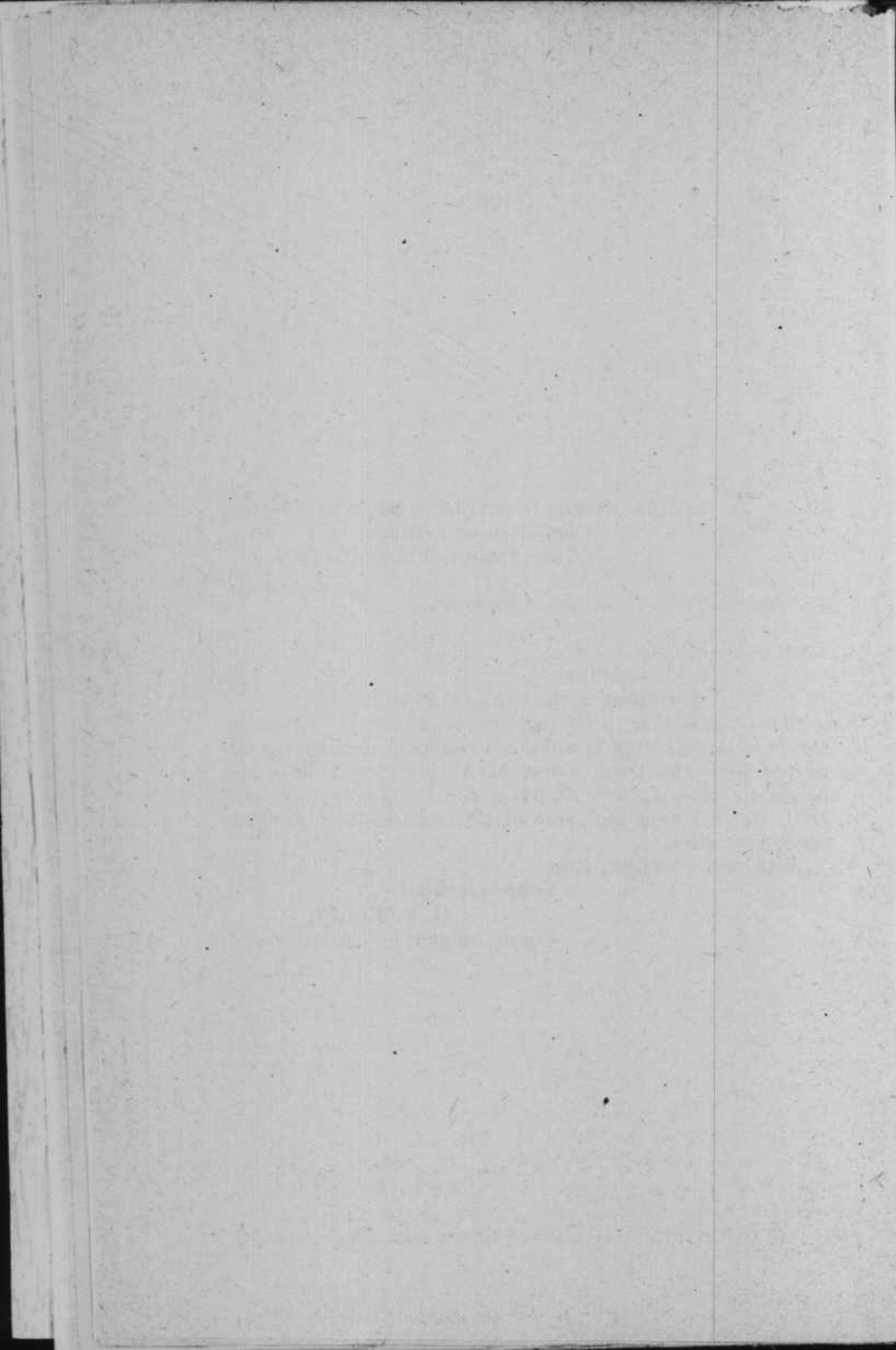
With much respect, I am,

Yours obediently,

B. E. McLIN,

Commissioner of Agriculture.

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## INTRODUCTION.

Until the Constitution of 1885 was adopted, the Department of Agriculture was known as the "Department of Lands and Immigration." On May 17th, 1889, the Legislature established the department and provided for its work. This is the 8th biennial report from the Department of Agriculture, and is my second report after being inducted into office and is at the close of my first term of four years service at the head of this branch of the State government.

So long had this been known and recognized only as a land office, that the public, and even our Legislators, have been slow to recognize the importance of the department in other matters pertaining to their interests, than those bearing upon the four different land grants, the record and sale of which are immediately under the supervision of the Commissioner of Agriculture. From time to time the Legislature has added new branches, (or departments, more properly speaking) to this department, until the legal name seems a misnomer. I find many intelligent people who are not aware of the various distinct interests that are lodged in this department. To submit a report that will be at all intelligible, it is necessary to present each branch as a separate report, treating each subject as its connections require.

By a slow process, this new graft upon the old land office stock, has grown to sufficient proportions to admit of its occupying a place in the State's official affairs, as something more than simply a name to a land office. Therefore you will find in the classification of this report, I have, for the first time in the history of the department given agricultural matters first place.

What we have in the way of a bureau of immigration, is lodged with, and is a part of the Agricultural division of our office work, hence we have given under this part of our report, some space to matters of interest to people who

are looking to our Southland for new homes, and to answer as far as possible in a general way, the many demands upon this department for information concerning Florida.

You will find the agricultural and immigration subjects treated as one. Next in relationship follows the Fertilizer Department and the State Chemist's report from the Laboratory. The State Prison Department occupies third place for your consideration, and the fourth and last subject treated is the Land Department under its proper divisions.

As a matter of convenience for those wishing to consider any one of the subjects presented in this report, I have prefixed an index.

Believing that a State Department report is published for the purpose of giving the public as complete an insight into the conditions and workings of a department as it is practicable to give, I have gone into as full detail under each head as space in such a report will admit of.

Profiting by the experience of my predecessors and observing weak points that needed strengthening during my four years service, I have endeavored to improve and perfect so far as possible the work of this department, so as to have it give the people the best results with the limited means placed at my disposal. I know of no State in the Union that has as many lines of work under the supervision of the Department of Agriculture, as Florida has, and yet there is less money appropriated for the use of the department to execute the requirements of law, than in any other State. When the department was established years since, there was one clerk allowed with a salary of one hundred dollars per month. The statistical work has grown, the immigration work has expanded, experience has added efficiency, and the expense of living increased, yet the one hundred dollars is expected to furnish the capacity to keep this work up. The Fertilizer Department has trebled in work and revenue to the State, while the Prison Department has grown in responsibility and in its requirements of skilled clerical work as well as more than seven fold as a revenue winner, and yet the Commissioner is expected to employ capable clerical force to cover both of these branches of work, for one hundred dollars per month. I have reached the point

where this is neither practicable, reasonable or possible. These are the only two clerks that are paid from the State's general revenue fund. The other clerks being connected with the land department, are paid out of these funds.

In order to give some idea of the value of work transacted in the department, I give the following items, which are only suggestive of the time and labor expended in connection with the data.

In the Agricultural and Immigration branch, during the two years of 1903 and 1904, there were 2,745 letters written. Packages sent out, 7,975; Bulletins issued, 56,000.

In the Land Department, 6,562 letters were written, many of which required experience, care and much time to properly prepare the data asked for, I have had one clerk for an entire week at work preparing data necessary to reply to one letter. In addition to the letters, hundreds of personal inquiries are made at the office demanding hours at a time searching the records. There has been issued during the two years period, 331 deeds, covering 374,869.72 acres of land. The total lands conveyed by the U. S. Government to the State on all accounts for the two years, 3,017,994.31 acres.

Express packages handled by the department, 596.

In the Prison and Fertilizer Department, we have written about 5,000 letters, aside from hundreds of letters in circular form to officers, manufacturers, dealers, etc., and hundreds of blank oaths, copies of the law, rulings and regulations; add to this, numerous blank forms to be prepared from time to time and sent out for the prison work.

The number of registered packages, 870. Total number of stamps and tags issued, 2,710,287.

It is impossible to express in words, so one can have an idea of the record or book work of the office; it is sufficient to say this is in keeping with the above data set out.

I desire to express my appreciation of the many courtesies I have received at your hands during the four years of your administration. I have at all times found you ready and willing to share the cares and responsibilities of department officials, even to the comforts and rights of our clerical force. I express the feeling of every one under

my supervision when I say we will miss you; others may do as well, but none can do better. Those who never sat in the councils of a cabinet by day and by night, cannot appreciate how close the compact grows. I feel under obligations to those who have served with me as cabinet officials for the assistance rendered me in my work, and to each clerk who has so energetically aided me in an effort to hold this department to the front in an intelligent business manner. The gratuitous work done by our County correspondents throughout the State, reporting monthly crop conditions, has been of value to the people and the department. When one looks at the various sources from which we have derived valuable assistance in our work, we more fully realize that of ourselves, we have done but little, however energetic we may have been in our endeavor.



## AGRICULTURE.

The time worn axiom, "That Agriculture is the basis of all wealth" has never been more clearly demonstrated than by the economic conditions that exist at the present. The good times that were ushered in with 1899, have continued with us, and our agricultural people have grown more prosperous with each year. With freedom from the embarrassment of debt, and a future of promise to look forward to, the troubles of the past have given way to cheerfulness and content, and both the farmers and nature once more smile in unison.

That the effect of the continued success of the agriculturalist in his several branches, was never more marked than now, is truly exemplified in the wonderful degree of prosperity enjoyed by every branch of business, commerce and trade; and to no class of people has its benefits extended to a greater degree than the laboring wage earner; these conditions being true, is the best demonstration that the average yield in money of the vegetable crops, the whole people, and the correctness of these views are fully borne out by reference to the following facts:

In 1901, the acreage planted in field crops was 971,125; in 1902 the acreage of field crops was 1,007,632, and in 1903, 961,145. We thus see that the acreage of 1902 exceeded that of 1901 by 36,507 acres, and also that of 1903 by 46,488 acres; it is also noticed that, 1903 fell short of 1901 just 9,980 acres.

### VALUE OF FIELD CROPS.

Yet the value of the crops produced on these acreages, is reversed, evidently demonstrating a determination to cultivate fewer acres and practice better methods of tillage; the value of the field crops for 1901 was \$11,250,079, that of 1902, \$11,555,013, showing an increase of \$304,934 over 1901; the value of the same crops for 1903 was \$11,800,064, an increase over that of 1901 of \$549,985, and of 1902, \$245,051. Without going further into detail, we note that the average yield of the above crops is practically \$12.25 for every acre cultivated, for the year 1903.

The vegetable acreage for the three years above named, present exactly the same condition as to increase and decrease of \$1,121,386, or 72½ per cent. in the period of one products for 1901, was 21,809, that of 1902, was 24,658, an increase of 2,847 acres over 1901; the acreage in the same products for 1903, was 24,161, also an increase of 2,352 acres over 1901, but a decrease of 497 acres, as compared with 1902.

### VALUE OF VEGETABLE CROPS.

Again we find an increased value of product though the acreage is decreased. The value of the vegetable crops for 1901 was \$2,124,801; that of 1902, \$2,678,088, and that of 1903, \$2,400,368. Pursuing this matter of values a little further, but considering only the value of 1903, we find that the average yield in money of the vegetable crops, was a fraction over \$99.40 per acre for each acre cultivated. Surely ours is a generous soil, and when we consider that the proceeds of the field and vegetable crops combined, if distributed among the people of the State, would give to every living inhabitant the sum of \$26.50, we can begin to understand the magnitude and the importance of the relation which agriculture bears to the success and happiness of mankind.

### VALUE OF FRUIT CROPS.

Although the market values of fruit products have not kept pace with quantities, there has been a steady and material increase in the amount received for the crops of the three past years. The fruit crops of 1901 had a market value of \$2,901,952; the crops of 1902 were \$4,023,338, an increase of \$1,121,386, or 72½ per cent. in the period of one year; but this is explained by the fact that the principal fruit crop of 1902, oranges, practically doubled in quantity that of 1901, but the values were less. The fruit crop of 1903 was about 33 per cent. larger than that of 1902, but with an increase in quantity, there was a decrease in values, so that the larger crop of 1903 only exceeded that of 1902, by \$153,942, or 3.75 per cent, the total crops for 1903 having a value of \$4,187,280.

## LIVE STOCK.

In this industry, a very flattering increase in the value of live stock for 1902, was obtained over that of 1901; in 1901 the value of live stock was \$8,753,366, and in 1902 it had increased to \$10,435,162, an increase of \$1,681,796, or 16 per cent. This is the high water mark of recent years and is practically the same now, as is shown by the values given in the census for 1903; in that year the value of live stock was \$10,382,368, or \$52,794 less than in 1902; as the number of live stock was practically the same, no significance may be attached to this slight falling off, in fact it can properly be charged to the slight fluctuation in numbers. One feature worthy of note in connection with this industry is, that the number of stock cattle of native origin is barely holding its own, while a great and concerted effort is being made, with flattering success, in the improvement of our native stock by the importation of thoroughbred stock of various breeds, for the purpose of breeding thoroughbred stock and grading up the native stock. The tables of live stock show the various breeds that are now being substituted as indicated, for native breeds.

## POULTRY.

No branch of farm economy is so persistently progressive as the poultry industry and in face of the fact that it is with few exceptions positively neglected, and is left to thrive as best it can with no practical assistance; it is an industry that has never failed to show an increase with every census, regardless of panics or the vicissitudes of climate. The value of the products of this industry in 1901, was \$845,924, in 1902 it was \$942,971, an increase of \$97,047 over 1901. In 1903, the value of these products was \$950,496, an increase of \$7,525 over 1902, a small increase, it is true, but nevertheless quite enough to maintain its record.

## DAIRY PRODUCTS.

The demand for other products of the farm of a greater

commercial value, has had somewhat varying effects on this industry; the increased demand for beef cattle has led many farmers to partially abandon the making of butter, while the greater encouragement for beef production by dividing their milk supplies with the young calves, and again the higher prices of a number of field crops that have obtained during the past two years, has caused many farmers in the more general agricultural sections of the State to also devote more attention to these industries at the expense of the dairy business; the differences however, are not great and the small loss of 1903 is very likely to be more than made up by the next census. The value of the dairy products for 1901 was \$1,022,137, and for 1902 it was \$1,277,158, an increase of \$255,021. The value of these products for 1903 was \$1,056,115, a reduction of \$221,043, as compared with 1902.

#### MISCELLANEOUS PRODUCTS.

Taken individually, the products that go to make up this class are of small consequence, but when considered in the aggregate, make a very respectable showing. Fluctuations of amounts in this table indicate little as to general results, principally because in the readjustment of blank forms for taking the census, they are often placed in another class, and to some extent lose their individuality. The products of this class for 1901 were valued at \$195,857, and those of 1902 at \$125,125, while the products of the same class for 1903 are valued at \$127,674.

#### TOTAL VALUES.

Coming down to the aggregate values of the several crops and products, we observe that in some instances the value of crops produced in 1902, was in excess of that of 1903, and vice versa, but when we compare the two past years with the preceding ones, we find that we have a magnificent sum in excess. The total value of farm products for 1901, was \$27,094,119, the value of the same products for 1902 was \$31,036,855. An increase over 1901 of \$2,942,739. The total value of farm products for 1903, was \$30,904,365, a small decrease of \$132,490, as compared with 1902, but showing a net increase for the two years

just passed, of \$2,810,249. With these results in view, there can no longer be cause for doubt that the people of our State are enjoying a period of prosperity not known in recent years, and with prudent management and foresight, in the diversification and planting of crops within reasonable limits, so that no one industry may be overdone and the market for their products depressed below a profitable value, there is no reason to doubt a continuance of the present prosperous era.

The following tables give in condensed form the value of crops and other products for the past three years, and those interested will find much interesting information by carefully reading and comparing with the tables in detail.

#### YEAR 1901.

##### TOTAL ACREAGE OF CROPS.

|                                     |         |
|-------------------------------------|---------|
| Field Crops .....                   | 971,125 |
| Vegetable and Garden Products ..... | 21,809  |
| Total Acreage in Cultivation .....  | 992,925 |

##### TOTAL VALUE OF FARM PRODUCTS.

|                                                 |              |
|-------------------------------------------------|--------------|
| Table No. 1—Field Crops .....                   | \$11,250,079 |
| Table No. 2—Vegetable and Garden Products ..... | 2,124,801    |
| Table No. 3—Fruit Crops .....                   | 2,901,952    |
| Table No. 4—Live Stock .....                    | 8,753,366    |
| Table No. 5—Poultry .....                       | 845,924      |
| Table No. 6—Dairy Products .....                | 1,022,137    |
| Table No. 7—Miscellaneous Products .....        | 195,857      |
| Total ... ..                                    | \$27,094,119 |

#### YEAR 1902.

##### TOTAL ACREAGE OF CROPS.

|                                     |           |
|-------------------------------------|-----------|
| Field Crops .....                   | 1,007,632 |
| Vegetable and Garden Products ..... | 24,658    |
| Total acreage in cultivation .....  | 1,032,290 |

## TOTAL VALUE OF FARM PRODUCTS.

|                                                 |                     |
|-------------------------------------------------|---------------------|
| Table No. 1—Field Crops .....                   | \$11,555,013.       |
| Table No. 2—Vegetable and Garden Products ..... | 2,678,888           |
| Table No. 3—Fruit Crops .....                   | 4,023,338           |
| Table No. 4—Live Stock .....                    | 10,435,162          |
| Table No. 5—Poultry .....                       | 942,971             |
| Table No. 6—Dairy Products .....                | 1,277,158           |
| Table No. 7—Miscellaneous Products .....        | 125,125             |
| Total .....                                     | <u>\$31,036,855</u> |

YEAR 1903.

## TOTAL ACREAGE OF CROPS.

|                                     |                     |
|-------------------------------------|---------------------|
| Field Crops .....                   | 961,145             |
| Vegetable and Garden Products ..... | 24,161              |
| Total Acreage in Cultivation .....  | 985,306             |
| Total .....                         | <u>\$30,904,365</u> |

## TOTAL VALUE OF FARM PRODUCTS.

|                                                 |                |
|-------------------------------------------------|----------------|
| Table No. 1—Field Crops .....                   | \$11,800,064   |
| Table No. 2—Vegetable and Garden Products ..... | 2,400,368      |
| Table No. 3—Fruit Crops .....                   | 4,187,280      |
| Table No. 4—Live Stock .....                    | 10,382,368     |
| Table No. 5—Poultry .....                       | 950,496        |
| Table No. 6—Dairy Products .....                | 1,056,115      |
| Table No. 7—Miscellaneous Products .....        | <u>127,674</u> |

## STOCK RAISING.

Recurring to our remarks on a preceding page in reference to this subject, we desire to impress upon all those who are interested in this industry the wonderful resources of this State as a live stock growing region, which, under general average conditions, has few equals and no superior. Its vast areas of grazing lands, and its unfa-

ing water supply so widely and so profusely distributed, with a climate the most equable on the North American continent, it seems incomprehensible that opportunities so great should have been so long overlooked.

Of the nearly 35,000,000 acres of land surface in Florida, about 4,500,000 acres are included in farms, improved and unimproved; thus leaving over 30,000,000 acres available as grazing lands for cattle and sheep. It is not to be inferred from this that no cattle or sheep are raised in Florida, for in reality there were on the ranges last year, in round numbers, about 600,000 cattle; what we want to show is that there is abundant room for 3,000,000 head in place of the comparative small number noted above; it is for the purpose of demonstrating to the thousands of people who are interested in stock raising outside of Florida that we make these statements to prove to them that it is not necessary to go to the bleak northwest, or the far southwest in order to make stock raising a successful and highly profitable industry. Having the vast area above stated, unsurpassed in extent and suitability for the raising of live stock of every kind, it readily appears unaccountable that this industry should so long remain in a comparatively chaotic or passive condition; a reasonable solution of the trouble would seem to be that ignorance of the true situation, on the part of those people in other States interested in such matters, mainly because the real conditions have never been placed before them in a proper form; second, because of a certain sort of prejudice that exists in the minds of many persons to the effect that the growing of stock cannot succeed in what they are pleased, though erroneously, to call a hot climate, scourged with insect pests of every kind fatal to animal life. In the first instance people cannot know the truth simply by intuition, and in the second, there is absolutely not the slightest foundation for such belief. The truth is, the climate of Florida is an ideal one for stock raising. In Southern Florida, south of Hillsborough county, in Manatee, in the great Myaka river prairie region, in southern Polk county and in DeSoto, Osceola, Brevard and Lee counties, which include the Alafia, Kissimmee and Caloosahatchee river valleys, is found the greatest grazing region east of the Mississippi; the climate is perfect, never cold enough to kill the grasses, which grow as green in January as in June, and where

good water is in bountiful supply at all seasons of the year; even the longest drought known has failed to produce a scarcity of water; it is never hot enough to injure stock, and insect pests are only troublesome during parts of the months of May and June, after which time they disappear. In this country it is never so cold as to require housing, and feed does not have to be grown for winter use; the grasses grow the year round and stock thrives on it at all seasons. As we come further north on through to the western boundary of the State the climate changes somewhat, and while the same grasses abound, they are not so prolific in winter as at the far south. In the central, northern and western sections of the State the climate, according to location, is colder; and while it has not been the habit of stock men to shelter or provide feed in winter, it is undoubtedly best, in Central Florida, that cattle should be fed once a day through the latter half of December to the middle of February, when the spring grasses begin to show up well; in north and west Florida cattle should be fed once a day, from middle of December to the middle of following March, a period of three months. This has not been the practice heretofore, and is not now to any extent, many considering it unnecessary, especially when the winters are mild, as the great majority of them are; yet it does not alter the case, for it is a reasonable proposition that the better fed an animal is, the more he will turn into his owner in flesh and money at the proper time. Throughout the sections just mentioned the herds of cattle range that make up the great majority of the number stated previously. In all this territory, the water supply never fails, as it does in the West, Texas for instance, where herds must be driven many miles to stagnant water holes, while thousands die of thirst on the way, something wholly unknown here. In Florida the hundreds of springs, creeks, rivers and lakes that never go dry, furnish fresh water, convenient to every pasture or range, every moment of time; in fact, it is an undisputed truth that there is not a spot within the State that surveyed from a common centre of five miles around, running water will not be encountered; and as water is one of the most important factors in the make-up of a successful stock raising country, we lay this special stress upon this feature. We know of no other section of country that can say as much. Next in importance to

the water supply are the grasses for pasture purposes. These abound in every section of the State; and except in the far southern section first mentioned, the native grasses are cut for winter forage. It is often said and as often believed that the native grasses are lacking in nutrition, not being near the equal of Northern grasses, for either pasturage or forage purposes. This is contrary to the facts, for it has been demonstrated that more than half of the native grasses surpass in nutritious properties, and food value, the very best Northern grasses. Then for winter feed, or finishing up the animals for market, add the velvet bean, green or cured, and cassava and sweet potatoes, and you will have a cheap food that is unsurpassed in feeding value for any purpose. Compare feeding for three months of winter in Florida, as indicated, and the six and eight months North, as the rigors of the climate require, and the truth is forced upon the most prejudiced mind. In addition to grasses that grow in winter, oats, rye and barley are planted for young stock. All are cheap and sure growing crops.

The absence comparatively of diseases, such as are known in the North, is a matter that is not appreciated with us because we have so little of it. This happy condition is probably attributable to the pure air and water that abounds; but whatever it is, the fact remains that live stock in this country is rarely troubled with fatal diseases, epidemics being totally unknown.

No insects that become dangerous to life or health of stock are found here. In the early spring, as already alluded to, the horse-fly or buffalo-fly is pretty bad for three or four weeks, then he disappears; but we never have the green-headed fly that is so troublesome in other States, North and West.

The native cattle are small in size compared with the favorite improved breeds North and West; but that is not the fault of either the climate or the grasses on which they feed, but it comes from the parent stock, which was mostly imported either from Spain by way of the West Indies, or brought direct from some of the Islands; and, as no attention was ever known to have been paid to the breeding or improvement of live stock in those days, they were permitted to inbreed among themselves to the extent of great

deterioration. As above stated, these cattle are small, but quite hardy, and when fat will clean at three to four years old from five to six hundred pounds; the flesh is of good flavor and is much prized by the Cuban trade, to which market a large number are shipped every year, at average price of about \$14.00 per head. In the home markets, the meat usually brings about six or seven cents on the hoof, and twelve to fifteen cents per pound when cut.

There are many persons engaged in raising these cattle in all parts of the State, and most of them realize very handsome results from the sale of these cattle; indeed many of the wealthiest and most prominent men in the State are those who have acquired their riches from stock-raising.

But it is not in growing the native breeds alone that profit can be realized, but in the introduction of new breeds, such as the Hereford, Short-horn, Devon and others. Within the past three years quite a number of each of the breeds above mentioned have been imported into the several sections of the State, and in all cases within the knowledge of the writer success has attended every effort. Rapid strides are being made in the production of graded, as well as thoroughbred stock, and it is already realized that the small range stock of cattle have had their day. It is thus thoroughly demonstrated that climatic and all other conditions are entirely suitable to the successful growing of high class stock in Florida, and such being the case there is no valid reason why the pastures of this State should not support three million head of cattle, and market six hundred thousand head each year, in place of the paltry number of 140,000 that are annually shipped to Cuba; and then, too, they will be cattle that will turn the scales at 1000 pounds and yield sixty to seventy-five dollars per head, instead of weighing five hundred pounds, and fetching the insignificant sum of fifteen dollars. It may be safely said, that within ten years from today the native cattle will not be recognized as such. The improvement in breeds will bring about a new order of things, the old race will disappear; it will add to the new animal that marbled condition of the flesh so much in demand in Northern and Western markets. But cattle raising will have in Florida a value far beyond that which it yields as a food producing animal; and Florida has an

opportunity offered it in connection with this industry that no other State can possibly have to the same extent; there are two industries that will go hand in hand with stock raising in Florida, under the changes being rapidly established as indicated. First, we make grievous error of sending our beef cattle to market on the hoof instead of packing it here, and shipping it in cold storage or in cans to market. Second, the loss of the refuse of the carcass which go to make up the fertilizers. What Florida needs and must have above all for the production of her immense crops of fruit and vegetables is an abundance of fertilizers; then why lose the most important part of the fertilizing elements by sending them out of the State to be brought back in another form at a large additional outlay. The hides, hair, horns, hoofs and blood ammoniates should be kept here, adding to our own industries by building up both the stock and fertilizer industries. This is entirely a feasible and practicable proposition. As it is now, every fertilizer manufactory in the State must buy all of its material, except the phosphate rock, either in Chicago or from abroad. Even now there is great opportunity for the establishment of such an industry. If a packing establishment were put in operation today, Florida could furnish practically the whole amount of the bone and blood ammoniates, and all the phosphates necessary (lacking only the potash) to the successful cultivation of her fruit, vegetable and staple crops. The full force of the situation is best understood when we state that in the year 1903 there was consumed in the State 76,895 tons of fertilizer, costing on an average thirty dollars per ton, or having a value of \$2,306,850.

With conditions as suggested and the fertilizers manufactured at home of material produced in the vicinity of the factories, prices would be lower and consumption greater. As it is, the greater part of the fertilizers and fertilizing material going to make up this vast sum had to be purchased beyond the limits of the State, when the conditions could be as well reversed by the manner suggested above. These are some of the points that make stock raising both attractive and profitable to a greater degree in Florida than in any other State in the Union.

## SHEEP RAISING.

The same argument used in behalf of cattle raising applies to a greater or less extent in regard to sheep raising. They are not so universally grown, though there are but six counties in the State in which they are not grown. Sheep have done well in all sections of the State, though there are some localities better adapted to sheep husbandry than others. The larger herds are found in West Florida, but there are localities in the far eastern and southern portions of the State where fine herds are found, and where they thrive perfectly. In the counties of Volusia, Osceola, Pasco, Polk, Marion, Hillsborough and Manatee, where the great prairies furnish fine pasturage, they are perfectly at home. In fact, in every section of the State there are large areas of lands admirably adapted and are now used for sheep pasturage.

The same climatic condition, the same grasses, and the same water supply are at hand for the sheep raiser, as for the cattle man. They are given about the same kind of attention in winter as the cattle, and their cost of maintenance is proportionately less. Perhaps no domestic animal yields so much to his owner, comparatively speaking, as the sheep, for their cost is merely nominal. They suffer less from diseases than almost any other animal, and the diseases that destroy them by thousands in the North and West are unknown here. There are not less than twelve or fifteen million acres of land in Florida perfectly suitable for sheep herding, and as a matter of course, they should be an indispensable adjunct to every farm. Outside of their value as wool-producers, there is a demand for their flesh that far over reaches the supply, even in the home markets. The land area adapted to this industry is capable of supporting four to five million sheep at all seasons.

## HOGS.

Hogs are raised as successfully and as cheaply, probably cheaper, than in any other country. No farm is without its stock of hogs, and there are few farmers but what make bacon enough to supply their wants throughout the year. Of course some will fail, but that is usually the fault of the man, but most of the farmers have a sur-

plus of bacon, lard and hams to dispose of at good prices during the winter. The famous "razor-back," of which so much is heard of in connection with Florida, which subject has always been much exaggerated, has long since departed. He has either been absorbed by grading with improved stock, or has dropped out and yielded his place to other breeds. The breeds that have succeeded to the native stock, and which succeed perfectly, are the Berkshire, Poland China, Essex and the Duroc red. These breeds are as successfully raised here as in any country. And all hogs are much less susceptible to disease than in any other section of country.

#### GOATS.

What has been said of sheep, applies equally as well to goats of all breeds yet tried. They thrive with all the certainty and vigor of an indigenous tropical plant in the rainy season, and if one ever died for lack of food, the fact has never been recorded. Angora goats have been tried by only a few persons to a limited extent, and with good success. They require a little different management than that usually meted out to the common goat, but if given the same care and attention necessary to make sheep herding successful they, too, will yield a large profit on the investment.

#### HORSES.

Horses are grown in a general way in all parts of the State, except in the extreme southern portion. No particular care as to breeds is exercised, and the general run of horse breeding is of a mixture of Cuban, American and Mexican stock that has come by the way of Texas. The offspring of this mixture is a very hardy, tough animal, peculiarly adapted to a warm climate. There are numerous growers of fine stock in various portions of the State, notably the northern counties. In this section some fine stock is produced from imported thoroughbred stallions and selected native stock. But for some reason no well directed efforts on a large scale have ever been made, although success has always attended the effort. Each grower or each neighborhood has been content to supply their own wants in this line, without enlarging the scope of operation. One reason why this is so, is that so many

thousands of cheap horses of ordinary grade are brought down and scattered all over the South, from the Middle West. Such stock is sold in the markets here at from \$75 to \$125 per head, and often for much less. The ordinary farmer being easily satisfied, in this way, takes little interest in breeding better grades, which if he should want to sell would have to compete with the cheaper common stock above mentioned. Hence, the great majority of horses, and practically all the mules, are brought here from other States. That horse breeding here is successful to a high degree is known to all, and no finer field or opportunity is offered for a profitable business in this line in any country than right here in Florida.

We have said that we have a climate adapted to stock raising, and we have given reasons why it is so. We have shown that we have the water supply, and the grasses, and forage equal to any country, and have given proof that is unquestionable. We have shown that we have the territory that produces and supports these essentials to successful stock raising, and now we assert without hesitation that Florida offers to the live stock grower, a better field and better opportunities for success than is or can possibly be offered by any other section of the Union. To the man with capital already in hand, or the man with brains, nerve and energy to back him, failure is impossible.

### FLORIDA FISHERIES.

There is perhaps no industry of such great importance to the State of Florida, about which so little is known by the people generally, although no subject is more universally discussed with greater pleasure than that of landing prodigious hauls, or some huge specimen of the finny tribe, but it is of the industry in its commercial form that we desire to direct attention.

The peculiar position which Florida occupies, with its approximately twelve hundred miles of sea coast, together with its numerous large bays, sounds, lagoons, and its rivers, lakes and streams all teeming with fish of almost every kind and variety, enables it to possess these natural advantages to a greater degree than is enjoyed by any other State. Formerly, before transportation facilities had opened the way to markets beyond the State, this industry was almost entirely local in character. In the

fall, farmers and others from the interior portion of the State, and also from the States of Georgia and Alabama, would journey overland to the fisheries on the coast, and spend from two to four weeks accumulating a supply of salt fish, principally of the mullet variety, which they would take back to their homes for winter use. Even under these conditions the business paid handsome profits to those engaged in it.

The industry as it is today was begun about the year 1873, and the great bulk of the business was carried on at and from the ports of Pensacola, Apalachicola, Cedar Keys and Key West, on the Gulf, and Jacksonville and Fernandina on the Atlantic Coast. Since that time, owing to the continued and rapid increase in transportation facilities, through the building of new railroads, the industry has increased to immense proportions, still capable of expanding an hundred fold without in the least affecting the supply or overreaching the demands extending trade.

The principal branches of the fishing industry are: Sponge, Red Snapper, Grouper, Mullet, Pompano, Spanish Mackerel, Oyster and Turtle fishing.

The following condensed table showing details of the industry in the aggregate form is interesting:

|                                             | Number.    | Value.      |
|---------------------------------------------|------------|-------------|
| Number of persons engaged.....              | 9,116      |             |
| No. of vessels and boats engaged..          | 4,318      |             |
| Value of vessels, boats & apparatus         |            | \$552,890   |
| Cash capital invested .....                 |            | 608,000     |
| Total value of investments.....             |            | \$1,160,890 |
|                                             | Pounds.    |             |
| Fish caught, all kinds .....                | 61,136,795 |             |
| Value of above .....                        |            | 1,414,314   |
|                                             | Bushels.   |             |
| Oysters caught .....                        | 888,656    |             |
| Value of above .....                        |            | 161,296     |
|                                             | Pounds.    |             |
| Sponges caught .....                        | 365,899    |             |
| Value of above .....                        |            | 367,450     |
| Total value of marine products for 1903.... |            | \$1,943,060 |

## STATISTICS OF MANUFACTURES.

As the best evidence of the progress of any one or more industries is that shown by comparison with former periods, so, that in discussing the subject of manufactures we will compare the two census years of 1890 and 1900.

In 1890 the whole number of manufacturing establishments in Florida was 805, as against 2056 similar establishments in 1900, showing the remarkable increase over the previous decade of over 250 per cent.

In 1890, the capital invested in these enterprises was \$11,110,304, as compared with the sum of \$33,107,477 in 1900, an increase of almost 290 per cent.

The cost of the materials used or worked up in these industries was in 1890, \$8,021,854, while in 1900 the cost of the materials used in these same industries amounted to \$15,637,520, showing an increase of 195 per cent., and also showing that the consumption of manufactured material was even correspondingly greater, as it will be remembered that during eight years out of the ten, prices of both the raw and manufactured material were at the lowest known in the history of the country.

The value of the products just referred to, prove the former statement, as to the quantity manufactured and the demand, for in 1890 the value of the manufactured products of these establishments was \$18,222,890, while in 1900 it amounted to \$36,810,243, or the very remarkable increase of 220 per cent.

The labor that performs the work of operating these industries is as follows:

The whole number of wage earners in 1890 was 13,119, as against 34,230 in 1900. Of the total number of operators in 1890, 11,539 were men 16 years of age and over, and of the total number of operators in 1900, 32,188 were men 16 years of age and upward. Of the total number of wage earners in 1890, 1,312 were women 15 years of age and over and 268 were children under the latter age. Of the total number of wage earners in 1900, 1,668 were women of sixteen years of age and over, and 374 were children under the latter age.

It will thus be seen that the number of women and children employed in factories have decreased, while the men have correspondingly increased. The percentage of men over 16 years of age employed in 1890 was 88 per cent.

while in 1900 it was 94 per cent.; the percentage of women employed in 1890 over 15 years of age was 10 per cent., while in 1900 it dropped to 4.9 per cent.; and the percentage of children employed in these industries in 1890 was only 2 per cent., still it dropped to 1.1 per cent. in 1900; so that practically it may be said, there is no such thing as child labor in Florida. Of the industries above noted, the following are located in the cities mentioned below:

Jacksonville contains 195 establishments, with a capital invested of \$2,068,663, operated by 1,602 wage earners who receive for their labor the sum of \$645,921 per annum.

Key West has 92 establishments, with a capital of \$1,839,194, distributing \$1,164,835 between 1,969 wage earners.

Tampa contains 129 establishments, with a capital of \$3,935,647, and distributes \$2,009,077, among 4,109 employees.

The above represents only 20 per cent. of the industries reported in the census year, leaving the remaining 1,600 establishments scattered throughout the smaller towns and villages of the State. It is, however, quite within the bounds of reason to say that in the past four years, the number of industrial establishments has increased 50 per cent. with a much larger ratio of capital employed, an increased rate of wages paid, a demand for manufactured products that far overreaches the supply, and increased values that average more than 100 per cent.

In 1905, the State will take a new census in accordance with a provision of the Constitution, and it is certain that it will disclose a great improvement over the census of 1900.

#### OFFICE WORK.

As has been the case each year since the creation of the Department, the work for the past two years has steadily grown in volume and importance. The amendment to the law controlling the gathering of the agricultural and other statistics has greatly improved the service, and enables the office to make better reports and to hold the matter better in hand. Two issues of the Monthly Bulletin—September and October, 1903,—could not be published for lack of sufficient appropriation to pay for the printing. The business of the office, and also of the chem-

ical division, in publishing the fertilizer analyses, has grown to such proportions that the small sum heretofore appropriated is wholly inadequate; it should be twice as large at least.

### HAND BOOK.

The Hand Book which was authorized by the Legislature, and for which an appropriation of \$750.00 was made, has been published and is now ready for distribution. The amount of money, however, was so small that we could only publish 1,000 copies, where there should have been at least 10,000 copies published. It should be remembered that Florida is no longer the small and insignificant piece of mother earth it was formerly considered to be, but that it has been transformed into a great, prosperous and progressive State, and a description of her resources and advantages cannot be crowded into a few dozen lines, however brief and condensed it is sought to make it. The days of small things and State financial embarrassment have passed, and if we would keep in line with the progressive spirit of the age, we must be willing to bear the small burden of the cost.

### GEOLOGICAL SURVEY.

As in past reports, this Department still advocates the establishment of a geological survey as an absolute necessity to the proper and intelligent development of the mineral resources of the State. In these days when millions of dollars are being consumed in the development of various systems of irrigation for the protection of the agricultural, horticultural and their allied interests from the vicissitudes of climate, it is but a waste of resources to longer refuse to thoroughly survey the sources of our water supply, its adaptability to the purposes of irrigation and its fitness and healthfulness for drink. If nothing else was demonstrated other than as indicated, its cost would be infinitesimal compared with the value returned; and opposition of no man or set of men should be permitted to stand in the way of the establishment of an institution whose operations would mean so much to the people of the State.

## COMMERCIAL STATISTICS.

The statistics of the commerce of the ports of the State are interesting, disclosing as they do a volume of ocean-going commerce, chiefly exports, little realized by the people of the State generally. When, in 1885, the ocean commerce of the State barely exceeded \$5,000,000, no one would have hazarded the assertion that within twenty years the same trade would reach the proportions of more than \$100,000,000 per annum. But we have passed beyond those figures, and now none will be found so reckless as to fix a limit to our trade.

With a volume of commerce like that exhibited on subsequent pages, under present conditions the future of Florida is incited bright.

With a physical conformation unlike any other section of the Union, a soil of great fertility, a climate embracing almost every latitude of the semi-tropics, and that yields products common to every clime; with splendid water powers awaiting development; great forests of magnificent timber; mineral deposits of unknown value, and above all, harbors spacious enough and deep enough to float the merchant marine of the world; no other State is so well situated to command the commerce destined to flow through the Isthmian canal when completed. Her harbors are more numerous and afford deeper water than those of any State bordering on the Gulf of Mexico, and it must follow as a necessity to the success of future trade that manufacturing industries of every kind shall establish themselves in close proximity to the material to be worked up, and at the point of embarkation. Competition in freight rates demands that the fewest transfers possible be made where competition in business is keen; so that when the canal opens up the long-wished for route to the Orient, and the rush for trade begins, then will the superior inducements for the establishment of industrial activities offered by the deep water harbors of Florida be fully recognized and appreciated and the commerce of to-day will appear as nothing by comparison.

Agriculture is the very backbone of commerce, and when we combine these products with those of the forests and mines we have the most important adjunct in the best development of a community or a State. And when we consider the vast area of the rich and prosperous country to the north of us which will pour its teeming millions of

wealth-bearing products, through the splendid harbors that lie along the coast line of the State, from Pensacola to Fernandina, the mind hesitates to grasp the possibilities of the future. No one can overestimate the value of these gifts of nature, for with the expansion of our trade and the enormous increase in the volume of our exports during the last few years, there has also come a marvelous enlargement in the size and carrying capacity of vessels employd in ocean commerce. This means greater water displacement and deeper draught, and the depth of water must be provided, if these huge cormorants of the sea are to yield fair returns on the cost, at the same time carrying freight at rates which commerce can afford with profit. The harbors of Florida offer just these facilities, and fill the requirements thus demanded; and when the canal shall have been constructed, and the great streams of traffic flowing down from the almost limitless interior seeking an outlet to new and innumerable markets in other lands which that great waterway is to create for American enterprises, the harbors of Florida will be the distributing points for this vast commerce.

### METEOROLOGICAL REPORT.

As usual, we include in this report that of the Meteorological Report of the United States for the Florida district. It has come to be looked upon as necessary on account of the valuable information it contains with reference to the climatology of the State. The report will be found in tabular form on subsequent pages, as an appendix.

### IMMIGRATION, LABOR, WAGES, ETC.

While this office has no means of knowing just how many people from other States or lands make their homes in Florida each year, there is good reason to believe that the population is being rapidly increased from other than natural or local causes. From the best information obtainable, the annual increase from outside sources approximates 20,000 persons annually at least. The fame of the successes attained by our people in recent years has spread far and wide, and as is shown by the thousands of letters from applicants for information concerning the

many resources of the State received at this office, widespread interest is being manifested to a greater extent than at any previous period. The correspondence referred to has in every instance been as fully replied to as when possible by both letter and printed matter. While the people who tour the State each winter to the number of about 200,000 cannot be and are not in any sense classed as immigrants, yet from this source many large investments result and many new homes are established each year.

To the average person seeking a new home in a new country, the condition of labor and wages is a topic of much interest, and while the question of labor in Florida, as elsewhere, is a vital one, it differs in many phases from that of other States, mainly because of the diversity of interests which exercise control over it, and give direction to its movements and operations. And to this diversity of industrial interests may be mainly attributed the freedom from strike disturbances, enjoyed with one or two exceptions, by all classes of business in this State. These occurrences being rare, except among the cigar manufacturing trade, and that confined mostly to one locality. In a great majority of other branches of industry strikes are never known. There is no surplus of labor in Florida, nor is there a scarcity, speaking in a general sense. Of course there may be localities where either condition may exist at times temporarily, but there is in some portion of the State, usually a demand for extra help that serves to equalize these congested conditions, and in that way labor is kept employed, and satisfactory conditions are the rule, whereas the reverse is true where labor is congested and idle much of the time.

Quality and character of labor varies much in Florida, depending greatly upon the kind of industry predominating in each section.

In the agricultural section, that is to say, that part of the State where the staple field crops, such as cotton, corn, oats, etc., are the leading and chief products of the soil, and where general farming in its broadest sense is the principal occupation of the people outside of the towns and villages, the class of people performing the great bulk of manual labor is composed of negroes. Although it is true that in this, as in all other sections of the State, there are very many white people who own and conduct their farms themselves without colored help. These are

generally farmers on a moderate scale, and who are no less successful for being so. In fact, these are the people who make up the bone and sinew of the land, and on whom largely rests the responsibility for the perpetuation of good government, as well as the future progress and prosperity of the State. While, as we have stated, there is no scarcity of labor in this section, there is at the same time no surplus. There is no marked lack of labor to care for the crops that are being produced from year to year, but there are lying idle thousands of acres of equally fine tillable land, thoroughly adapted to all farm purposes, that could be profitably utilized if there was sufficient labor to operate them. In this respect, and to this extent, the supply of labor is short of the country's needs and thus prevents the possibility of any rapid increase in farm productions. This statement will also apply with equal force to all sections of the State. The real effect is, therefore, to retard farm development.

Wages of general farm labor varies considerably, depending upon whether it is day labor, or monthly or annual contracts. Also the women, who perform a very considerable portion of the field work, are to be considered. The adult male, who ranks as the best field hand, usually receives for day labor 75c to one dollar per day and found; the ordinary hand gets from fifty cents to seventy-five cents per day and found, and the women get from thirty to forty cents per day and found. Where the laborer feeds himself or herself there is a difference of ten to fifteen per cent. additional. By the month or year, the wages paid run from six dollars to ten dollars per month, and in exceptional cases twelve to fifteen dollars per month, including board.

In much of the general farming sections, a system of tenantry obtains to a great degree. Under this plan, land, with dwelling house and other necessary improvements are included in the plot rented, usually forty to eighty acres each, sometimes more, as the case may be. The rent for the land is usually paid in a fixed quantity of cotton, or other farm product, as may be agreed upon in the contract, delivered at a point also understood and agreed upon. Sometimes owners rent their farms, or a portion of them, on shares, modified or enlarged as to terms to suit the occasion and conditions. In the western section of the State the larger portion of the farming population

is white, and comparatively few negroes are employed as farm help. These farmers do their own work, and almost without exception are a thrifty and prosperous, self-sustaining people. The same conditions exist in a large scope of country in Eastern Florida, though there are more negro laborers there than in the western section just mentioned. The wages for farm work in these sections are also about as above stated.

In the early vegetable and fruit growing sections of the State the labor is more nearly divided as between the whites and the negroes. In the more northerly portion of the fruit and vegetable section, negro labor predominates, but the further we go south the fewer negroes we see, till the white labor is almost entirely substituted therefor. The same conditions obtain with labor in this section as elsewhere; already noted, there being neither an unwieldy surplus or such a degree of shortness of labor as to cause material loss, though there are times when lack of labor is keenly felt, but these are short, transitory periods with long intervals. The labor is in a general sense sufficient to care for the crops in the quantities in which they are now planted, but if it should be desirable to plant and grow vegetables and fruits on a largely extended scale then the supply of labor would be wholly inadequate.

There are millions of acres of land unsurpassed for vegetable and fruit growing yet unoccupied in the section referred to, and it is quite reasonable to suppose that the great impulse given to these industries in recent years will grow rapidly, in which case labor will be in greater demand; even now there is abundant room in all sections of the State for such farm labor as we have referred to.

Wages in this section of the State last considered will average more than in those parts devoted almost exclusively to general agriculture. A good hand, by the day, earns from one dollar to a dollar and a half and board in the busy season, and that is the period between the vegetable and the fruit crop, which includes about seven months of the year. Monthly or annual contracts are at a less rate of course, but the hire of farm labor in this section is mostly by the day.

Expert labor, such as is employed in the trades, mills, factories, vegetable and fruit packing establishments, and expert mechanical work of all kinds, is always in demand, and commands good wages. The compensation in these

lines of work ranging from two dollars to four dollars per day, and in some special lines still more. This class of labor is of course necessarily mostly engaged in or near the cities and towns, where the industries demanding their services are generally located, on account of convenient transportation facilities, markets for products, and other advantages. Among this class of labor there is rarely a surplus, while there is often an inconvenient scarcity. The demand for this, as for all other classes of labor, continually grows, and for the sober, industrious, capable man, equipped for any of these occupations, there is generally a position open to him.

Domestic labor, or household help, is quite as diversified as to quality, supply and reliability as any of the foregoing classes. In some portions of the State there is never enough to fill the wants and needs of families, and boarding houses, and even the best hotels are at times greatly inconvenienced for lack of it. Negroes comprise the larger part of this class of labor, except in the southerly portions of Eastern and Southern Florida. Some localities are never fully supplied with this character of help, and many people are compelled to do their own housework. Probably the principal reason for this situation is to be attributed more to the unreliability of this class of labor, and the desire of the women, who make up the larger part of this class, to take the world easy. There are, therefore, many opportunities here for securing positions in this line of work, by intelligent and industrious people of both sexes, of good character and habits.

Wages for this class of work range from about five dollars to ten dollars per month, which includes the several branches of household duties. In the larger cities and towns, wages for this kind of work are sometimes more than above stated, and in cases where exceptional quality or quantity of work is required, employes sometimes receive double the figures named, but all of these matters are regulated by agreement. The following figures from the U. S. Census of 1900 may be of interest, as indicating the opportunities within reach of those who desire to engage in farming or any of the branches of agriculture:

In 1900 the total number of acres in farms in Florida was 4,363,891. Of this number, there were in improved farms under cultivation 1,511,653 acres, leaving 2,852,233 acres not in cultivation, and classed as not improved

mainly because they were lying out, and without buildings, etc. And the principal reason for this condition is, that there is not labor to operate them. Here are opportunities for farmers and farm laborers to secure homes and a competence at the minimum cost, or a good living by the work of his hands. The total number of farms in Florida is 40,814, and the average size of a farm is a little over 106 acres each, though there are farms ranging in size from 20 acres to several thousand.

The number of persons engaged in operating these farms is: males, 75,608, and of females 13,080, and there are opportunities for twice that number, with equal or better advantages than were offered those who first came here and made their settlements and permanent homes, as the above statements and figures amply demonstrate.

In the 2,056 factories of all kinds, there are employed 34,230 more or less expert and skilled laborers; 3,572 of this number being females; and as the mills, factories and other new enterprises are continually advancing their business, the demand for expert and skilled labor continually increases.

The number of those employed as household or domestic help is: males, 32,413, and females, 17,919. As before mentioned, there is a constant and increasing demand for this class of labor. The wages are good, and efficient and reliable men and women will have small difficulty in securing employment.

The question of the cost of living is one which enters largely into this subject, and justly exercises an important influence in deciding the advisability of a move by those contemplating a change of residence; whether it be a man who earns his living as a day laborer, or the man with means, not to say capitalist, the item of living expense is always to be considered. In this respect, as in all others, Florida is the equal in most things and superior to any other section of the United States, in the vast majority of the essential elements necessary to comfort, health and economy in home building, and the work of maintaining it.

The climate, indirectly of course, has much to do with this question. The clothing necessary to keep the body in a comfortable condition in winter does not have to be of heavy and costly woollens; nor in the abundance re-

quired in more northerly latitudes, where winter lingers for eight or nine months of the year. In this item a family from Ohio, Wisconsin or New York would be able in Florida to save and live with more comfort at least on one-half of that required at home, for there are hardly more than fifteen days in an entire winter when a healthy man need wear an overcoat, even in the most northerly and westerly part of the State, and that not a heavy one either, while in the southeastern, central and southern portion of the State even a light overcoat is rarely necessary, and ordinary spring clothes as worn north would be considered quite sufficient for mid-winter, under the average conditions. Another item of equal importance, is the fuel supply, which by comparison with the needs in the northern sections of country referred to, is ridiculously small; one-third of the cost necessary in the North would be an exorbitant sum here on an average.

In Florida the length of time in which fires are required never exceeds four months, even then not all of the time, and that in the colder section of the State. While in the eastern and southern parts of the State the time is still less, growing shorter as we go further south. Neither is the cost of fuel near so great as in the North, unless coal is used, which is never done outside of the larger cities and towns, and in not a great many of them. Wood is almost universally used and it is plentiful and cheap; and with the average farmer, practically does not figure in the cost of living, as no farm in this country is without its woodland. In effect, then, this item, to the farmer, except for the labor of cutting and hauling home, is one of clear gain. And to the city or town resident, it means a saving of 60 to 75 per cent. of the cost of like fuel material in the North.

Another distinctive advantage the farmers and all others who labor out of doors have in Florida is, that in no section of the State is it ever too cold to work in the open, any day of the year. This enables the farmer or gardener to grow something for his table at all seasons, and thus also reduce his household expenses, in a way impossible in any other section of country, particularly North. The cost of the staple articles of food, such as are sold in the grocery stores everywhere, is about the same as in the North, but the farmer who makes his own meat and bread and conducts his farm on business princi-

ples, will have small need to patronize the grocery stores to any great extent.

To those who labor in the mills, factories or in the trades, the cost of living is necessarily greater, as they are in no wise producers of food supplies, but wholly consumers. Except in this respect, they share all the other advantages enjoyed by the farmer, unless it be that of house rent. The farmer gets his house with his farm if he owns it, or if he rents; the artisan, or the common laborer, must own, or rent his dwelling from another, or board, which, if a man of family, is usually incompatible with his income. The price of rents vary somewhat in the different sections and towns of the State, but small though comfortable houses can be had from ten to fifteen dollars per month, sometimes less, and from that up to twenty-five dollars, or more, depending upon the needs or the ability of the person to pay.

Good, comfortable cottages or dwelling houses can be built in most parts of the State at from five hundred to fifteen hundred dollars each, depending of course upon the size wanted, and the quality of the workmanship expended on it. In the more southerly portions of the State quite comfortable dwellings can be built for very much less than these figures. Buildings in the North affording the same degree of comfort, would cost fifty to sixty per cent. more money.

The foregoing represents very closely the labor conditions as they are at present throughout the State. And if the continued employment of labor at fair wages is indicative of prosperity and consequent happiness and contentment, then it is no exaggeration to say that the people of all classes in all sections of the State are indeed in the enjoyment of a degree of prosperity hitherto unknown; nor is it in the least beyond the bounds of truth to say that, divided among the various avocations we have named, and others, there is room, and a demand, for at least double the number of laborers now employed. The relationship between labor and capital, employer and employed, in all occupations, have always been and are now of the most amicable nature, whether it be with white or black. The only serious differences that ever occur are with the tobacco dealers and manufacturers in one or two cities; but

beyond this no difficulties occur worthy of discussion here.

As a rule, labor of all kinds is fairly efficient in its sev-

eral lines, probably quite as much so as in other sections of the country. That there is great room for improvement admits of no question, and just here, opportunities without number offer themselves to the careful, painstaking and industrious men and women of correct character and habits.

Another subject of interest to the management is the social position awaiting him.

### SOCIAL CONDITIONS.

The social conditions in a general way, which must be met with by all new-comers to any country, is of considerable moment, specially to the female portion of the family. There is in the human heart a chord of sympathy which under certain conditions is said to "make the whole world kin," and there is no condition that serves to awaken the feelings of sympathy in others, as the observation of distress and loneliness, which needs only kind words and actions to replace with the smiles of joy and content. The people of Florida are no exception to the rule; the glad hand of welcome or assistance is ever extended to the deserving, whether rich or poor. There is no bar here to man's associations save that which he himself erects: there is no social dead line, but he must show merit for the position he would choose. It is entirely with the individual as to what company he shall keep, or what associations he forms, and the social sphere in which he shall move; he must be the architect of his own moral and social standing, even as he must be the "architect of his own fortune."

Social equality between the races is not tolerated, and is impossible; miscegenation is prohibited by law, and the gulf that marks the social boundary between the white race and the black is as broad as the universe, and as fathomless as the infinitudes of space. Yet, the relationship between the races is of the most kindly and friendly order.

### CONCLUSION.

As briefly as possible we have endeavored to show that Florida is a land where all who are energetic and honest can make life a success. Where land is cheap by comparison, taxes low, and transportation facilities are efficient,

abundant and convenient to all sections of the country. There are no laws that favor one class or race of men more than another; all are recognized as equals before the law; the State government is justly and wisely administered, and life and property are as safe here as in any Northern State.

It is in the enjoyment of the many advantages enumerated, as well as the advancement and up-building of the State, that Florida invites good people from other sections of our country, and from foreign lands to make their homes within her borders. The foreigner with a record for good health, character, and a moderate sum of money, sufficient at least to support him till work can be obtained, will be welcome, and will meet with encouragement, and if he is worthy, success will reward him. To the man from New England who would avoid the bitter Northeastern winds, the disease laden fogs from the banks of Newfoundland, and the hopeless prospects for more than a bare existence by farming the old barren wastes and hills; the man from the great West whose anxious thoughts hover between the prospects of ruin by forest and prairie fires and the Dakota blizzards, who dreads, yet wishes for the drought of summer, the season of tornadoes, and who must face without hope of escape the weariness and idleness of a nine months' relentless winter; the business man from the city or the villages, who wants a fair field, where his restricted capital and personal industry will not be forced into merciless competition with and be weighted down by the immense resources of soulless trusts and syndicates of combined capital; all are assured that superior advantages await them here. According to trustworthy reports, official and unofficial, there are thousands of farmers and others in the greatly overcrowded rural districts of the Northern, Western, Middle, and northerly tier of Southern States, where the value of lands have advanced beyond the reach of ordinary means, who desire to change their residence from the scenes of an unceasing struggle for subsistence to a country where the comforts of life are attainable with less risk of health and strenuous physical exertion.

To such people, the rich and fertile lands of Florida offer the long desired opportunity. These are the people to succeed; accustomed to the problems of soil work, they

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To such people, the rich and fertile lands of Florida offer the long desired opportunity. These are the people to succeed; accustomed to the problems of soil work, they

are the men who can utilize the forces of nature and make them yield obedience to their will. Men possessed of willing hands, resolute hearts and level heads, and to such a class no "finer field" than Florida was ever presented for occupancy. It is a field boundless with the best elements of wealth and substantial enjoyment. It has an endless quantity of raw material of every sort, and rich productive soil, upon which all the fruits, all the crops, and all the animals necessary for man's subsistence, comfort and convenience can be cultivated and propagated; and withal a climate that brings to the pallid cheek the glow of health, to the listless eye the sparkle of a new life, transforms the careworn frame to one of reanimated nature, brings rest to the wearied mind, and takes from the memory of adversity the sting of distress.

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# **AGRICULTURAL STATISTICS**



**FOR YEAR 1902**

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**Note.—Monroe county made no report.**

TABLE NO. 1. FIELD CROPS—1902.

| NAMES<br>OF<br>COUNTIES. | COTTON (Upland) |        |              |
|--------------------------|-----------------|--------|--------------|
|                          | Acres           | Bales  | Value        |
| Alachua.....             |                 |        | \$ .....     |
| Baker.....               |                 |        | .....        |
| Bradford.....            |                 |        | .....        |
| Brevard.....             |                 |        | .....        |
| Calhoun.....             | 1,424           | 558    | 19,030       |
| Citrus.....              |                 |        | .....        |
| Clay.....                |                 |        | .....        |
| Columbia.....            |                 |        | .....        |
| Dade.....                |                 |        | .....        |
| De Soto.....             |                 |        | .....        |
| Duval.....               | 25              | 20     | 1,560        |
| Escambia.....            | 780             | 344    | 13,620       |
| Franklin.....            |                 |        | .....        |
| Gadsden.....             | 3,140           | 1,074  | 38,332       |
| Hamilton.....            | 2               | 1      | 40           |
| Hernando.....            |                 |        | .....        |
| Hillsborough.....        |                 |        | .....        |
| Holmes.....              | 3,389           | 1,187  | 41,905       |
| Jackson.....             | 41,346          | 13,782 | 482,370      |
| Jefferson.....           | 28,559          | 7,249  | 278,248      |
| Lafayette.....           |                 |        | .....        |
| Lake.....                |                 |        | .....        |
| Lee.....                 |                 |        | .....        |
| Leon.....                | 27,738          | 6,312  | 239,727      |
| Levy.....                | 19              | 4      | 175          |
| Liberty.....             | 318             | 119    | 4,833        |
| Madison.....             | 5,132           | 1,680  | 59,008       |
| Manatee.....             |                 |        | .....        |
| Marion.....              | 130             | 44     | 1,700        |
| Monroe.....              |                 |        | .....        |
| Nassau.....              | 34              | 29     | 700          |
| Orange.....              |                 |        | .....        |
| Osceola.....             |                 |        | .....        |
| Pasco.....               |                 |        | .....        |
| Polk.....                |                 |        | .....        |
| Putnam.....              |                 |        | .....        |
| St. Johns.....           |                 |        | .....        |
| Santa Rosa.....          | 648             | 253    | 15,186       |
| Sumter.....              |                 |        | .....        |
| Suwannee.....            |                 |        | .....        |
| Taylor.....              |                 |        | .....        |
| Volusia.....             |                 |        | .....        |
| Wakulla.....             | 320             | 85     | 3,165        |
| Walton.....              | 2,578           | 1,038  | 130,738      |
| Washington.....          | 2,910           | 846    | 33,213       |
| Total.....               | 118,542         | 34,611 | \$ 1,358,000 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | COTTON (Sea Island) |        |              |
|--------------------------|---------------------|--------|--------------|
|                          | Acres               | Bales  | Value        |
| Alachua.....             | 13,733              | 3,462  | \$ 262,655   |
| Baker.....               | 4,805               | 1,263  | 87,459       |
| Bradford.....            | 10,120              | 3,224  | 225,640      |
| Brevard.....             |                     |        |              |
| Calhoun.....             | 1,018               | 1,133  | 19,980       |
| Citrus.....              |                     |        |              |
| Clay.....                | 3,253               | 4,222  | 66,299       |
| Columbia.....            | 19,987              | 4,025  | 252,288      |
| Dade.....                |                     |        |              |
| De Soto.....             |                     |        |              |
| Duval.....               | 34                  | 13     | 601          |
| Escambia.....            |                     |        |              |
| Franklin.....            |                     |        |              |
| Gadsden.....             | 1,046               | 313    | 19,909       |
| Hamilton.....            | 24,086              | 4,484  | 309,740      |
| Hernando.....            |                     |        |              |
| Hillsborough.....        |                     |        |              |
| Holmes.....              |                     |        |              |
| Jackson.....             | 3,093               | 1,031  | 51,550       |
| Jefferson.....           | 1,336               | 330    | 16,810       |
| Lafayette.....           | 2,540               | 915    | 55,245       |
| Lake.....                |                     |        |              |
| Lee.....                 |                     |        |              |
| Leon.....                | 25                  | 6      | 306          |
| Levy.....                | 2,542               | 562    | 35,649       |
| Liberty.....             |                     |        |              |
| Madison.....             | 19,513              | 3,433  | 225,411      |
| Manatee.....             |                     |        |              |
| Marion.....              | 4,211               | 1,426  | 104,926      |
| Monroe.....              |                     |        |              |
| Nassau.....              | 12                  | 9      | 280          |
| Orange.....              | 4                   | 1      | 72           |
| Osceola.....             |                     |        |              |
| Pasco.....               |                     |        |              |
| Polk.....                |                     |        |              |
| Putnam.....              | 441                 | 155    | 8,312        |
| St. Johns.....           |                     |        |              |
| Santa Rosa.....          |                     |        |              |
| Sumter.....              | 385                 | 81     | 7,123        |
| Suwannee.....            | 33,568              | 5,724  | 452,540      |
| Taylor.....              | 5,194               | 1,289  | 87,557       |
| Volusia.....             |                     |        |              |
| Wakulla.....             | 30                  | 10     | 268          |
| Walton.....              |                     |        |              |
| Washington.....          | 51                  | 15     | 1,045        |
| Total.....               | 151,027             | 37,226 | \$ 2,291,665 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | CORN    |           |              |
|--------------------------|---------|-----------|--------------|
|                          | Acres   | Bushels   | Value        |
| Alachua.....             | 32,431  | 368,838   | \$ 279,365   |
| Baker.....               | 7,445   | 79,815    | 63,858       |
| Bradford.....            | 14,975  | 144,675   | 107,772      |
| Brevard.....             | 63      | 2,105     | 1,290        |
| Calhoun.....             | 6,116   | 63,498    | 62,026       |
| Citrus.....              | 3,301   | 64,490    | 64,490       |
| Clay.....                | 2,233   | 82,114    | 15,626       |
| Columbia.....            | 30,645  | 228,992   | 132,987      |
| Dade.....                |         |           |              |
| De Soto.....             | 6,556   | 56,054    | 55,864       |
| Duval.....               | 2,709   | 26,845    | 13,630       |
| Escambia.....            | 3,396   | 39,905    | 31,888       |
| Franklin.....            | 37      | 195       | 92           |
| Gadsden.....             | 20,028  | 195,150   | 195,150      |
| Hamilton.....            | 27,322  | 192,255   | 192,255      |
| Hernando.....            | 2,699   | 35,300    | 21,126       |
| Hillsborough.....        | 3,740   | 34,451    | 18,314       |
| Holmes.....              | 8,336   | 54,018    | 53,988       |
| Jackson.....             | 49,775  | 497,756   | 248,875      |
| Jefferson.....           | 40,251  | 256,539   | 157,537      |
| Lafayette.....           | 9,740   | 108,462   | 108,462      |
| Lake.....                | 2,896   | 28,317    | 28,317       |
| Lee.....                 | 59      | 540       | 530          |
| Leon.....                | 29,417  | 268,830   | 158,072      |
| Levy.....                | 7,778   | 72,506    | 60,505       |
| Liberty.....             | 2,925   | 24,697    | 22,703       |
| Madison.....             | 39,464  | 290,861   | 203,401      |
| Manatee.....             | 385     | 3,935     | 2,418        |
| Marion.....              | 15,170  | 146,130   | 87,220       |
| Monroe.....              |         |           |              |
| Nassau.....              | 880     | 12,220    | 6,125        |
| Orange.....              | 2,803   | 33,173    | 27,545       |
| Osceola.....             | 878     | 8,890     | 8,790        |
| Pasco.....               | 2,666   | 25,513    | 25,513       |
| Polk.....                | 10,006  | 97,494    | 97,494       |
| Putnam.....              | 2,593   | 24,184    | 18,945       |
| St. Johns.....           | 1,534   | 15,479    | 18,479       |
| Santa Rosa.....          | 3,583   | 27,731    | 21,855       |
| Sumter.....              | 6,897   | 76,047    | 73,769       |
| Suwannee.....            | 35,923  | 344,910   | 344,910      |
| Taylor.....              | 12,715  | 118,624   | 110,936      |
| Volusia.....             | 2,878   | 34,050    | 27,688       |
| Wakulla.....             | 6,866   | 50,082    | 25,083       |
| Walton.....              | 12,257  | 93,350    | 65,446       |
| Washington.....          | 9,399   | 116,691   | 56,783       |
| Total.....               | 491,771 | 4,415,705 | \$ 3,257,117 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | OATS   |         |            |
|--------------------------|--------|---------|------------|
|                          | Acres  | Bushels | Value      |
| Alachua.....             | 2,860  | 32,500  | \$ 16,250  |
| Baker.....               | 1,002  | 10,185  | 5,091      |
| Bradford.....            | 2,431  | 25,835  | 17,931     |
| Brevard.....             |        |         |            |
| Calhoun.....             | 894    | 9,682   | 6,989      |
| Citrus.....              | 1,246  | 16,180  | 10,015     |
| Clay.....                | 217    | 1,780   | 1,199      |
| Columbia.....            | 3,114  | 28,881  | 17,906     |
| Dade.....                |        |         |            |
| De Soto.....             | 94     | 1,330   | 1,051      |
| Duval.....               | 48     | 638     | 332        |
| Escambia.....            | 218    | 3,825   | 1,912      |
| Franklin.....            |        |         |            |
| Gadsden.....             | 2,358  | 23,706  | 22,881     |
| Hamilton.....            | 1,227  | 12,560  | 12,560     |
| Hernando.....            | 597    | 7,540   | 3,835      |
| Hillsborough.....        | 105    | 1,557   | 686        |
| Holmes.....              | 123    | 1,150   | 565        |
| Jackson.....             | 8,925  | 81,250  | 44,625     |
| Jefferson.....           | 1,394  | 20,298  | 13,476     |
| Lafayette.....           | 2,448  | 67,810  | 61,710     |
| Lake.....                | 148    | 2,505   | 1,854      |
| Lee.....                 |        |         |            |
| Leon.....                | 2,367  | 27,619  | 17,538     |
| Levy.....                | 2,919  | 40,198  | 29,115     |
| Liberty.....             | 492    | 5,864   | 3,864      |
| Madison.....             | 2,869  | 37,910  | 18,297     |
| Manatee.....             |        |         |            |
| Marion.....              | 7,388  | 74,670  | 30,120     |
| Monroe.....              |        |         |            |
| Nassau.....              | 5      | 50      | 25         |
| Orange.....              | 138    | 3,442   | 2,742      |
| Osceola.....             |        |         |            |
| Pasco.....               | 969    | 15,830  | 7,915      |
| Polk.....                | 275    | 3,010   | 1,995      |
| Putnam.....              | 100    | 868     | 503        |
| St. Johns.....           | 89     | 2,387   | 1,199      |
| Santa Rosa.....          | 34     | 298     | 119        |
| Sumter.....              | 2,720  | 31,393  | 17,197     |
| Suwannee.....            | 360    | 5,540   | 4,440      |
| Taylor.....              | 542    | 3,924   | 4,030      |
| Volusia.....             | 83     | 1,213   | 1,173      |
| Wakulla.....             | 349    | 3,385   | 1,673      |
| Walton.....              | 662    | 4,891   | 3,165      |
| Washington.....          | 124    | 1,190   | 649        |
| Total.....               | 61,834 | 620,844 | \$ 386,616 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | SWEET POTATOES |           |              |
|--------------------------|----------------|-----------|--------------|
|                          | Acres          | Bushels   | Value        |
| Alachua.....             | 327            | 50,425    | \$ 19,152    |
| Baker.....               | 445            | 81,851    | 24,806       |
| Bradford.....            | 445            | 40,820    | 16,230       |
| Brevard.....             | 128            | 22,000    | 11,455       |
| Calhoun.....             | 372            | 30,105    | 15,667       |
| Citrus.....              | 359            | 57,150    | 23,685       |
| Clay.....                | 351            | 32,115    | 16,529       |
| Columbia.....            | 582            | 65,160    | 28,259       |
| Dade.....                |                |           |              |
| De Soto.....             | 1,027          | 142,163   | 71,878       |
| Duval.....               | 840            | 71,187    | 28,734       |
| Escambia.....            | 905            | 81,285    | 39,876       |
| Franklin.....            | 35             | 1,750     | 925          |
| Gadsden.....             | 1,362          | 97,380    | 38,952       |
| Hamilton.....            | 512            | 43,436    | 20,835       |
| Hernando.....            | 236            | 28,140    | 14,055       |
| Hillsborough.....        | 1,057          | 52,085    | 25,712       |
| Holmes.....              | 238            | 21,397    | 10,887       |
| Jackson.....             | 439            | 87,800    | 35,120       |
| Jefferson.....           | 1,070          | 94,451    | 33,969       |
| Lafayette.....           | 189            | 67,905    | 33,599       |
| Lake.....                | 461            | 38,513    | 26,621       |
| Lee.....                 | 101            | 9,565     | 4,835        |
| Leon.....                | 1,529          | 112,050   | 54,735       |
| Levy.....                | 552            | 37,057    | 16,174       |
| Liberty.....             | 237            | 19,822    | 11,251       |
| Madison.....             | 643            | 64,769    | 25,246       |
| Manatee.....             | 115            | 14,675    | 7,474        |
| Marion.....              | 390            | 73,240    | 29,190       |
| Monroe.....              |                |           |              |
| Nassau.....              | 174            | 24,050    | 12,275       |
| Orange.....              | 348            | 45,422    | 24,123       |
| Osceola.....             | 114            | 16,060    | 6,160        |
| Pasco.....               | 266            | 25,170    | 12,625       |
| Polk.....                | 889            | 101,039   | 49,902       |
| Putnam.....              | 244            | 30,424    | 13,665       |
| St. Johns.....           | 455            | 61,625    | 30,763       |
| Santa Rosa.....          | 537            | 43,174    | 22,140       |
| Sumter.....              | 486            | 58,217    | 29,200       |
| Suwannee.....            | 1,301          | 233,110   | 128,645      |
| Taylor.....              | 194            | 23,157    | 11,732       |
| Volusia.....             | 355            | 33,334    | 27,381       |
| Wakulla.....             | 139            | 19,942    | 9,920        |
| Walton.....              | 637            | 56,133    | 29,181       |
| Washington.....          | 406            | 21,949    | 11,047       |
| Total.....               | 21,492         | 2,332,372 | \$ 1,110,117 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | Acres | SUGAR CANE. |            |         |          |
|--------------------------|-------|-------------|------------|---------|----------|
|                          |       | Bbls.       | Value      | Sugar   | Value    |
|                          |       | Syrup       |            | (lbs.)  |          |
| Alachua.....             | 85    | 1,244       | \$ 12,440  | .....   | \$ ..... |
| Baker.....               | 219   | 1,706       | 17,045     | 51,500  | 2,580    |
| Bradford.....            | 206   | 2,060       | 20,600     | .....   | .....    |
| Brevard.....             | ..... | .....       | .....      | .....   | .....    |
| Calhoun.....             | 171   | 1,942       | 11,656     | .....   | .....    |
| Citrus.....              | 125   | 1,079       | 11,160     | .....   | .....    |
| Clay.....                | 35    | 538         | 3,172      | .....   | .....    |
| Columbia.....            | 216   | 2,442       | 17,731     | 11,750  | 612      |
| Dade.....                | ..... | .....       | .....      | .....   | .....    |
| De Soto.....             | 269   | 1,957       | 28,905     | 20,040  | 1,216    |
| Duval.....               | 188   | 1,081       | 13,232     | 10,776  | 409      |
| Escambia.....            | 137   | 523         | 10,440     | .....   | .....    |
| Franklin.....            | 19    | 190         | 2,850      | .....   | .....    |
| Gadsden.....             | 923   | 6,227       | 62,370     | .....   | .....    |
| Hamilton.....            | 390   | 2,635       | 40,370     | 3,755   | 375      |
| Hernando.....            | 110   | 854         | 7,900      | .....   | .....    |
| Hillsborough.....        | 160   | 1,273       | 14,525     | 1,445   | 78       |
| Holmes.....              | 131   | 846         | 12,225     | .....   | .....    |
| Jackson.....             | 432   | 6,926       | 69,260     | .....   | .....    |
| Jefferson.....           | 584   | 3,519       | 33,572     | 650     | 72       |
| Lafayette.....           | 183   | 1,955       | 24,040     | .....   | .....    |
| Lake.....                | 87    | 285         | 2,805      | .....   | .....    |
| Lee.....                 | 31    | 305         | 5,360      | .....   | .....    |
| Leon.....                | 588   | 3,632       | 30,073     | 1,305   | 77       |
| Levy.....                | 116   | 697         | 8,302      | 500     | 25       |
| Liberty.....             | 130   | 1,177       | 13,171     | .....   | .....    |
| Madison.....             | 426   | 3,998       | 31,749     | .....   | .....    |
| Manatee.....             | 15    | 125         | 1,952      | .....   | .....    |
| Marion.....              | 96    | 768         | 9,196      | .....   | .....    |
| Monroe.....              | ..... | .....       | .....      | .....   | .....    |
| Nassau.....              | 2     | 11          | 200        | .....   | .....    |
| Orange.....              | 85    | 434         | 6,762      | 36      | 1        |
| Osceola.....             | 8     | 103         | 1,030      | .....   | .....    |
| Pasco.....               | 204   | 1,941       | 19,410     | 1,200   | 72       |
| Polk.....                | 234   | 2,200       | 30,959     | .....   | .....    |
| Putnam.....              | 106   | 594         | 7,421      | .....   | .....    |
| St. Johns.....           | 115   | 1,013       | 1,216      | 31,350  | 1,568    |
| Santa Rosa.....          | 215   | 761         | 12,454     | .....   | .....    |
| Sumter.....              | 237   | 1,330       | 21,593     | .....   | .....    |
| Suwannee.....            | 1,118 | 11,111      | 115,587    | .....   | .....    |
| Taylor.....              | 107   | 1,311       | 12,742     | .....   | .....    |
| Volusia.....             | 80    | 694         | 8,633      | .....   | .....    |
| Wakulla.....             | 87    | 926         | 8,357      | .....   | .....    |
| Walton.....              | 657   | 1,585       | 15,929     | .....   | .....    |
| Washington.....          | 148   | 959         | 8,090      | .....   | .....    |
| Total.....               | 9,535 | 74,927      | \$ 784,284 | 134,307 | \$ 7,085 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | RICE. |         |           |
|--------------------------|-------|---------|-----------|
|                          | Acres | Bushels | Value     |
| Alachua.....             |       |         | \$        |
| Baker.....               | 144   | 1,824   | 1,824     |
| Bradford.....            |       |         |           |
| Brevard.....             |       |         |           |
| Calhoun.....             | 55    | 860     | 860       |
| Citrus.....              | 24    | 450     | 550       |
| Clay.....                |       |         |           |
| Columbia.....            | 73    | 1,316   | 1,222     |
| Dade.....                |       |         |           |
| De Soto.....             | 543   | 9,344   | 9,704     |
| Duval.....               | 31    | 520     | 635       |
| Escambia.....            | 78    | 1,365   | 1,365     |
| Franklin.....            |       |         |           |
| Gadsden.....             | 62    | 1,033   | 1,033     |
| Hamilton.....            | 116   | 1,862   | 1,862     |
| Hernando.....            | 83    | 1,980   | 2,050     |
| Hillsborough.....        | 163   | 4,158   | 5,510     |
| Holmes.....              |       |         |           |
| Jackson.....             | 174   | 1,740   | 1,740     |
| Jefferson.....           | 29    | 435     | 465       |
| Lafayette.....           | 34    | 445     | 790       |
| Lake.....                |       |         |           |
| Lee.....                 |       |         |           |
| Leon.....                | 6     | 93      | 106       |
| Levy.....                | 4     | 122     | 122       |
| Liberty.....             | 34    | 685     | 766       |
| Madison.....             | 25    | 786     | 697       |
| Manatee.....             | 29    | 1,103   | 1,103     |
| Marion.....              | 142   | 4,260   | 4,260     |
| Monroe.....              |       |         |           |
| Nassau.....              |       |         |           |
| Orange.....              | 13    | 153     | 335       |
| Osceola.....             | 23    | 633     | 633       |
| Pasco.....               | 148   | 5,245   | 5,245     |
| Polk.....                | 139   | 5,262   | 6,302     |
| Putnam.....              | 35    | 297     | 628       |
| St. Johns.....           | 7     | 140     | 160       |
| Santa Rosa.....          | 28    | 277     | 271       |
| Sumter.....              | 2     | 56      | 85        |
| Suwannee.....            | 207   | 3,310   | 3,080     |
| Taylor.....              | 52    | 620     | 634       |
| Volusia.....             |       |         |           |
| Wakulla.....             | 8     | 122     | 122       |
| Walton.....              | 80    | 1,082   | 982       |
| Washington.....          | 3     | 40      | 40        |
| Total.....               | 2,594 | 51,618  | \$ 55,181 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | FIELD PEAS |         |            |
|--------------------------|------------|---------|------------|
|                          | Acres      | Bushels | Value      |
| Alachua.....             | 51         | 410     | \$ 450     |
| Baker.....               | 2,573      | 20,597  | 20,597     |
| Bradford.....            | 1,917      | 19,130  | 19,160     |
| Brevard.....             | 33         | 1,110   | 1,660      |
| Calhoun.....             | 658        | 5,336   | 5,336      |
| Citrus.....              | 1,134      | 16,770  | 16,770     |
| Clay.....                | 57         | 321     | 610        |
| Columbia.....            | 1,269      | 8,287   | 8,760      |
| Dade.....                |            |         |            |
| De Soto.....             | 630        | 7,999   | 11,057     |
| Duval.....               | 99         | 1,232   | 1,749      |
| Escambia.....            | 445        | 2,971   | 2,966      |
| Franklin.....            |            |         |            |
| Gadsden.....             | 676        | 6,095   | 6,095      |
| Hamilton.....            | 465        | 4,340   | 4,340      |
| Hernando.....            | 205        | 2,520   | 2,510      |
| Hillsborough.....        | 177        | 1,549   | 2,375      |
| Holmes.....              | 27         | 168     | 265        |
| Jackson.....             | 9,550      | 95,500  | 47,750     |
| Jefferson.....           | 234        | 1,974   | 2,331      |
| Lafayette.....           | 3,183      | 86,605  | 86,605     |
| Lake.....                | 303        | 2,714   | 2,714      |
| Lee.....                 | 9          | 50      | 32         |
| Leon.....                | 630        | 4,825   | 4,583      |
| Levy.....                | 410        | 4,006   | 4,751      |
| Liberty.....             | 470        | 3,958   | 4,239      |
| Madison.....             | 389        | 2,492   | 2,362      |
| Manatee.....             |            |         |            |
| Marion.....              |            |         |            |
| Monroe.....              |            |         |            |
| Nassau.....              |            |         |            |
| Orange.....              | 168        | 2,065   | 3,023      |
| Osceola.....             |            |         |            |
| Pasco.....               | 649        | 22,360  | 22,360     |
| Polk.....                | 551        | 4,980   | 7,980      |
| Putnam.....              | 394        | 2,809   | 4,695      |
| St. Johns.....           | 411        | 7,645   | 8,202      |
| Santa Rosa.....          | 309        | 1,625   | 3,256      |
| Sumter.....              | 978        | 11,288  | 22,262     |
| Suwannee.....            |            |         |            |
| Taylor.....              | 496        | 2,733   | 3,389      |
| Volusia.....             | 248        | 1,511   | 1,851      |
| Wakulla.....             | 136        | 1,366   | 1,366      |
| Walton.....              | 1,766      | 9,957   | 9,361      |
| Washington.....          | 131        | 1,120   | 1,120      |
| Total.....               | 31,811     | 371,415 | \$ 348,931 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | HAY.   |        |            |
|--------------------------|--------|--------|------------|
|                          | Acres  | Tons   | Value      |
| Alachua.....             | 120    | 146    | \$ 1,460   |
| Baker.....               | 101    | 120    | 2,400      |
| Bradford.....            |        |        |            |
| Brevard.....             |        |        |            |
| Calhoun.....             | 15     | 23     | 345        |
| Citrus.....              | 567    | 744    | 7,480      |
| Clay.....                | 301    | 86     | 1,005      |
| Columbia.....            | 187    | 253    | 2,335      |
| Dade.....                |        |        |            |
| De Soto.....             | 451    | 627    | 8,800      |
| Duval.....               | 140    | 253    | 2,540      |
| Escambia.....            | 1,610  | 1,649  | 25,045     |
| Franklin.....            |        |        |            |
| Gadsden.....             | 130    | 578    | 5,780      |
| Hamilton.....            | 47     | 2,700  | 2,900      |
| Hernando.....            | 59     | 48     | 505        |
| Hillsborough.....        | 399    | 473    | 7,924      |
| Holmes.....              |        |        |            |
| Jackson.....             | 120    | 240    | 4,800      |
| Jefferson.....           | 1,171  | 999    | 16,170     |
| Lafayette.....           | 306    | 295    | 3,020      |
| Lake.....                | 851    | 856    | 8,559      |
| Lee.....                 |        |        |            |
| Leon.....                | 2,767  | 1,891  | 25,842     |
| Levy.....                | 19     | 24     | 480        |
| Liberty.....             | 11     | 15     | 175        |
| Madison.....             | 714    | 459    | 5,684      |
| Manatee.....             | 200    | 50     | 1,000      |
| Marion.....              | 400    | 500    | 5,000      |
| Monroe.....              |        |        |            |
| Nassau.....              |        |        |            |
| Orange.....              | 1,829  | 2,049  | 26,097     |
| Osceola.....             | 256    | 76     | 1,530      |
| Pasco.....               | 1,156  | 2,005  | 29,250     |
| Polk.....                | 242    | 276    | 5,510      |
| Putnam.....              | 360    | 365    | 4,016      |
| St. Johns.....           | 270    | 515    | 7,733      |
| Santa Rosa.....          | 543    | 826    | 8,255      |
| Sumter.....              | 474    | 289    | 7,466      |
| Suwannee.....            |        |        |            |
| Taylor.....              |        |        |            |
| Volusia.....             | 835    | 835    | 16,580     |
| Wakulla.....             |        |        |            |
| Walton.....              | 285    | 460    | 2,567      |
| Washington.....          | 40     | 50     | 295        |
| * Total.....             | 16,976 | 21,401 | \$ 242,539 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | MILLET. |       |          |
|--------------------------|---------|-------|----------|
|                          | Acres   | Tons  | Value    |
| Alachua.....             |         |       | \$ ..... |
| Baker.....               |         |       | .....    |
| Bradford.....            |         |       | .....    |
| Brevard.....             |         |       | .....    |
| Calhoun.....             |         |       | .....    |
| Citrus.....              |         |       | .....    |
| Clay.....                |         |       | .....    |
| Columbia.....            | 1       | 15    | 15       |
| Dade.....                |         |       | .....    |
| De Soto.....             | 4       | 80    | 160      |
| Duval.....               | 1       | 4     | 16       |
| Escambia.....            |         |       | .....    |
| Franklin.....            |         |       | .....    |
| Gadsden.....             | 53      | 530   | 530      |
| Hamilton.....            |         |       | .....    |
| Hernando.....            |         |       | .....    |
| Hillsborough.....        | 8       | 97    | 220      |
| Holmes.....              |         |       | .....    |
| Jackson.....             |         |       | .....    |
| Jefferson.....           |         |       | .....    |
| Lafayette.....           |         |       | .....    |
| Lake.....                |         |       | .....    |
| Lee.....                 |         |       | .....    |
| Leon.....                | 1       | 5     | 6        |
| Levy.....                |         |       | .....    |
| Liberty.....             |         |       | .....    |
| Madison.....             |         |       | .....    |
| Manatee.....             |         |       | .....    |
| Marion.....              |         |       | .....    |
| Monroe.....              |         |       | .....    |
| Nassau.....              |         |       | .....    |
| Orange.....              | 5       | 75    | 85       |
| Osceola.....             |         |       | .....    |
| Pasco.....               | 55      | 2,115 | 2,115    |
| Polk.....                | 7       | 80    | 120      |
| Putnam.....              |         |       | .....    |
| St. Johns.....           |         |       | .....    |
| Santa Rosa.....          |         |       | .....    |
| Sumter.....              | 5       | 55    | 153      |
| Suwannee.....            |         |       | .....    |
| Taylor.....              |         |       | .....    |
| Volusia.....             |         |       | .....    |
| Wakulla.....             |         |       | .....    |
| Walton.....              | 34      | 408   | 388      |
| Washington.....          |         |       | .....    |
| Total.....               | 174     | 3,464 | \$ 4,308 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | PEANUTS |           |              |
|--------------------------|---------|-----------|--------------|
|                          | Acres   | Bushels   | Value        |
| Alachua.....             | 737     | 7,980     | \$ 7,980     |
| Baker.....               | 4,236   | 40,423    | 40,423       |
| Bradford.....            | 3,561   | 35,610    | 35,610       |
| Brevard.....             |         |           |              |
| Calhoun.....             | 1,627   | 14,398    | 14,398       |
| Citrus.....              | 575     | 9,290     | 9,290        |
| Clay.....                | 3       | 50        | 60           |
| Columbia.....            | 6,864   | 111,327   | 96,978       |
| Dade.....                |         |           |              |
| De Soto.....             | 17      | 380       | 740          |
| Duval.....               | 3       | 134       | 219          |
| Escambia.....            | 2       | 10        | 10           |
| Franklin.....            |         |           |              |
| Gadsden.....             | 4,567   | 86,432    | 86,432       |
| Hamilton.....            | 4,869   | 67,112    | 67,112       |
| Hernando.....            | 226     | 1,825     | 2,815        |
| Hillsborough.....        | 30      | 592       | 750          |
| Holmes.....              | 2,224   | 22,171    | 16,558       |
| Jackson.....             | 15,565  | 155,650   | 77,825       |
| Jefferson.....           | 1,639   | 27,266    | 25,488       |
| Lafayette.....           | 2,356   | 66,510    | 66,510       |
| Lake.....                | 109     | 1,487     | 1,482        |
| Lee.....                 | 2       | 55        | 176          |
| Leon.....                | 1,127   | 15,226    | 11,574       |
| Levy.....                | 2,223   | 40,168    | 40,855       |
| Liberty.....             | 612     | 8,570     | 6,141        |
| Madison.....             | 4,681   | 60,485    | 54,508       |
| Manatee.....             |         |           |              |
| Marion.....              | 292     | 15,510    | 14,940       |
| Monroe.....              |         |           |              |
| Nassau.....              |         |           |              |
| Orange.....              | 2       | 43        | 89           |
| Osceola.....             |         |           |              |
| Pasco.....               | 286     | 9,395     | 9,395        |
| Polk.....                | 69      | 1,930     | 1,930        |
| Putnam.....              | 18      | 336       | 336          |
| St. Johns.....           | 4       | 80        | 80           |
| Santa Rosa.....          | 6       | 50        | 50           |
| Sumter.....              | 685     | 9,913     | 10,629       |
| Suwannee.....            | 21,107  | 250,830   | 250,830      |
| Taylor.....              | 3,630   | 28,345    | 25,948       |
| Volusia.....             | 10      | 130       | 151          |
| Wakulla.....             | 817     | 15,859    | 7,975        |
| Walton.....              | 1,527   | 18,434    | 17,945       |
| Washington.....          | 2,723   | 21,364    | 11,660       |
| Total.....               | 89,031  | 1,147,330 | \$ 1,015,883 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | TOBACCO (Open Field Culture) |           |            |
|--------------------------|------------------------------|-----------|------------|
|                          | Acres                        | Pounds    | Value      |
| Alachua.....             |                              |           | \$ .....   |
| Baker.....               |                              |           | .....      |
| Bradford.....            |                              |           | .....      |
| Brevard.....             |                              |           | .....      |
| Calhoun.....             |                              |           | .....      |
| Citrus.....              |                              |           | .....      |
| Clay.....                |                              |           | .....      |
| Columbia.....            |                              |           | .....      |
| Dade.....                |                              |           | .....      |
| De Soto.....             | 3                            | 850       | 290        |
| Duval.....               | 1                            | 500       | 100        |
| Escambia.....            |                              |           | .....      |
| Franklin.....            |                              |           | .....      |
| Gadsden.....             | 1,471                        | 1,055,647 | 325,769    |
| Hamilton.....            |                              |           | .....      |
| Hernando.....            |                              |           | .....      |
| Hillsborough.....        |                              |           | .....      |
| Holmes.....              |                              | 100       | 50         |
| Jackson.....             |                              |           | .....      |
| Jefferson.....           |                              |           | .....      |
| Lafayette.....           |                              |           | .....      |
| Lake.....                |                              |           | .....      |
| Lee.....                 |                              |           | .....      |
| Leon.....                | 23                           | 17,300    | 4,840      |
| Levy.....                |                              |           | .....      |
| Liberty.....             |                              |           | .....      |
| Madison.....             |                              |           | .....      |
| Manatee.....             |                              |           | .....      |
| Marion.....              |                              |           | .....      |
| Monroe.....              |                              |           | .....      |
| Nassau.....              |                              |           | .....      |
| Orange.....              |                              |           | .....      |
| Osceola.....             |                              |           | .....      |
| Pasco.....               | 30                           | 30,000    | 6,200      |
| Polk.....                |                              |           | .....      |
| Putnam.....              |                              |           | .....      |
| St. Johns.....           |                              |           | .....      |
| Santa Rosa.....          |                              |           | .....      |
| Sumter.....              |                              |           | .....      |
| Suwannee.....            |                              |           | .....      |
| Taylor.....              |                              |           | .....      |
| Volusia.....             |                              |           | .....      |
| Wakulla.....             |                              |           | .....      |
| Walton.....              | 18                           | 3,007     | 996        |
| Washington.....          |                              |           | .....      |
| Total.....               | 1,546                        | 1,107,404 | \$ 338,245 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | WOOL        |         |           |
|--------------------------|-------------|---------|-----------|
|                          | No. Fleeces | Lbs.    | Value     |
| Alachua.....             | 1,170       | 3,030   | \$ 935    |
| Baker.....               | 500         | 1,500   | 300       |
| Bradford.....            |             |         |           |
| Brevard.....             |             |         |           |
| Calhoun.....             | 4,527       | 13,891  | 2,778     |
| Citrus.....              |             |         |           |
| Clay.....                | 870         | 2,248   | 770       |
| Columbia.....            | 450         | 900     | 113       |
| Dade.....                |             |         |           |
| De Soto.....             | 5,860       | 11,520  | 2,365     |
| Duval.....               | 6,945       | 21,035  | 4,207     |
| Escambia.....            |             |         |           |
| Franklin.....            |             |         |           |
| Gadsden.....             | 507         | 1,521   | 380       |
| Hamilton.....            | 880         | 1,760   | 350       |
| Hernando.....            |             |         |           |
| Hillsborough.....        | 2,602       | 6,835   | 809       |
| Holmes.....              | 4,770       | 13,906  | 2,583     |
| Jackson.....             | 5,843       | 15,762  | 3,275     |
| Jefferson.....           | 148         | 401     | 59        |
| Lafayette.....           |             |         |           |
| Lake.....                |             |         |           |
| Lee.....                 |             |         |           |
| Leon.....                | 320         | 788     | 144       |
| Levy.....                | 90          | 260     | 40        |
| Liberty.....             | 1,575       | 4,824   | 856       |
| Madison.....             |             |         |           |
| Manatee.....             | 820         | 2,760   | 827       |
| Marion.....              | 5,397       | 15,000  | 3,000     |
| Monroe.....              |             |         |           |
| Nassau.....              |             |         |           |
| Orange.....              | 500         | 2,000   | 410       |
| Osceola.....             | 7,000       | 18,800  | 3,900     |
| Pasco.....               | 4,620       | 9,340   | 1,874     |
| Polk.....                | 1,900       | 8,025   | 1,285     |
| Putnam.....              |             |         |           |
| St. Johns.....           | 450         | 1,350   | 260       |
| Santa Rosa.....          | 11,154      | 34,042  | 6,405     |
| Sumter.....              | 486         | 1,032   | 201       |
| Suwannee.....            |             |         |           |
| Taylor.....              |             |         |           |
| Volusia.....             | 70          | 250     | 75        |
| Wakulla.....             |             |         |           |
| Walton.....              | 17,344      | 54,332  | 10,500    |
| Washington.....          | 7,951       | 23,639  | 5,127     |
| Total.....               | 99,731      | 269,854 | \$ 53,847 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | VELVET BEANS |         |            |
|--------------------------|--------------|---------|------------|
|                          | Acres        | Bushels | Value      |
| Alachua.....             |              |         | \$ .....   |
| Baker.....               | 833          | 8,500   | 8,500      |
| Bradford.....            | 567          | 5,670   | 5,670      |
| Brevard.....             |              |         | .....      |
| Calhoun.....             |              |         | .....      |
| Citrus.....              | 1,725        | 25,420  | 25,420     |
| Clay.....                | 195          | 1,725   | 1,805      |
| Columbia.....            | 6,299        | 6,076   | 7,018      |
| Dade.....                |              |         | .....      |
| De Soto.....             | 515          | 9,625   | 18,865     |
| Duval.....               |              |         | .....      |
| Escambia.....            |              |         | .....      |
| Franklin.....            |              |         | .....      |
| Gadsden.....             | 110          | 1,400   | 1,400      |
| Hamilton.....            | 364          | 5,275   | 10,390     |
| Hernando.....            | 425          | 5,560   | 5,470      |
| Hillsborough.....        | 455          | 6,440   | 5,960      |
| Holmes.....              | 17           | 370     | 540        |
| Jackson.....             |              |         | .....      |
| Jefferson.....           | 207          | 1,730   | 1,780      |
| Lafayette.....           | 892          | 27,100  | 27,100     |
| Lake.....                | 349          | 4,965   | 6,465      |
| Lee.....                 |              |         | .....      |
| Leon.....                | 287          | 3,625   | 5,812      |
| Levy.....                | 158          | 2,320   | 3,095      |
| Liberty.....             | 25           | 360     | 370        |
| Madison.....             | 108          | 1,635   | 1,372      |
| Manatee.....             |              |         | .....      |
| Marion.....              | 3,300        | 50,560  | 50,560     |
| Monroe.....              |              |         | .....      |
| Nassau.....              |              |         | .....      |
| Orange.....              | 723          | 7,819   | 9,519      |
| Osceola.....             | 80           | 800     | 410        |
| Pasco.....               | 905          | 27,405  | 27,405     |
| Polk.....                | 4,610        | 49,020  | 49,020     |
| Putnam.....              | 376          | 4,182   | 5,934      |
| St. Johns.....           | 64           | 1,245   | 1,245      |
| Santa Rosa.....          | 11           | 164     | 330        |
| Sumter.....              | 786          | 11,908  | 12,079     |
| Suwannee.....            |              |         | .....      |
| Taylor.....              | 213          | 1,111   | 1,597      |
| Volusia.....             | 192          | 655     | 633        |
| Wakulla.....             | 180          | 3,337   | 3,312      |
| Walton.....              | 653          | 13,144  | 19,273     |
| Washington.....          | 5            | 60      | 60         |
| Total.....               | 19,959       | 289,206 | \$ 318,409 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | CASSAVA |        |           |
|--------------------------|---------|--------|-----------|
|                          | Acres   | Tons   | Value     |
| Alachua.....             |         |        | \$ .....  |
| Baker.....               |         |        | .....     |
| Bradford.....            |         |        | .....     |
| Brevard.....             |         |        | .....     |
| Calhoun.....             |         |        | .....     |
| Citrus.....              |         |        | .....     |
| Clay.....                | 1       | 2      | 10        |
| Columbia.....            | 1       | 8      | 50        |
| Dade.....                |         |        | .....     |
| De Soto.....             | 74      | 255    | 1,303     |
| Duval.....               |         |        | .....     |
| Escambia.....            |         |        | .....     |
| Franklin.....            |         |        | .....     |
| Gadsden.....             |         |        | .....     |
| Hamilton.....            |         |        | .....     |
| Hernando.....            |         |        | .....     |
| Hillsborough.....        | 46      | 187    | 1,062     |
| Holmes.....              |         |        | .....     |
| Jackson.....             |         |        | .....     |
| Jefferson.....           |         |        | .....     |
| Lafayette.....           |         |        | .....     |
| Lake.....                | 36      | 128    | 814       |
| Lee.....                 |         |        | .....     |
| Leon.....                |         |        | .....     |
| Levy.....                | 1       | 1      | 20        |
| Liberty.....             |         |        | .....     |
| Madison.....             |         |        | .....     |
| Manatee.....             |         |        | .....     |
| Marion.....              | 260     | 1,300  | 7,800     |
| Monroe.....              |         |        | .....     |
| Nassau.....              |         |        | .....     |
| Orange.....              | 152     | 1,091  | 4,681     |
| Osceola.....             | 2       | 20     | 60        |
| Pasco.....               |         |        | .....     |
| Polk.....                | 61      | 546    | 1,668     |
| Putnam.....              | 107     | 233    | 1,252     |
| St. Johns.....           | 12      | 79     | 792       |
| Santa Rosa.....          |         |        | .....     |
| Sumter.....              | 3       | 11     | 59        |
| Suwannee.....            |         |        | .....     |
| Taylor.....              |         |        | .....     |
| Volusia.....             | 580     | 2,686  | 16,051    |
| Wakulla.....             |         |        | .....     |
| Walton.....              |         |        | .....     |
| Washington.....          |         |        | .....     |
| Total.....               | 1,336   | 65,471 | \$ 35,633 |

TABLE NO. 1. FIELD CROPS—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | BROOM CORN |      |          |
|--------------------------|------------|------|----------|
|                          | Acres      | Tons | Value    |
| Alachua.....             |            |      | \$ ..... |
| Baker.....               |            |      | .....    |
| Bradford.....            |            |      | .....    |
| Brevard.....             |            |      | .....    |
| Calhoun.....             |            |      | .....    |
| Citrus.....              |            |      | .....    |
| Clay.....                |            |      | .....    |
| Columbia.....            |            |      | .....    |
| Dade.....                |            |      | .....    |
| De Soto.....             |            |      | .....    |
| Duval.....               |            |      | .....    |
| Escambia.....            |            |      | .....    |
| Franklin.....            |            |      | .....    |
| Gadsden.....             |            |      | .....    |
| Hamilton.....            |            |      | .....    |
| Hernando.....            |            |      | .....    |
| Hillsborough.....        |            |      | .....    |
| Holmes.....              |            |      | .....    |
| Jackson.....             |            |      | .....    |
| Jefferson.....           |            |      | .....    |
| Lafayette.....           |            |      | .....    |
| Lake.....                |            |      | .....    |
| Lee.....                 |            |      | .....    |
| Leon.....                |            |      | .....    |
| Levy.....                | 4          | 2    | 400      |
| Liberty.....             |            |      | .....    |
| Madison.....             |            |      | .....    |
| Manatee.....             |            |      | .....    |
| Marion.....              |            |      | .....    |
| Monroe.....              |            |      | .....    |
| Nassau.....              |            |      | .....    |
| Orange.....              |            |      | .....    |
| Osceola.....             |            |      | .....    |
| Pasco.....               |            |      | .....    |
| Polk.....                |            |      | .....    |
| Putnam.....              |            |      | .....    |
| St. Johns.....           |            |      | .....    |
| Santa Rosa.....          |            |      | .....    |
| Sumter.....              |            |      | .....    |
| Suwannee.....            |            |      | .....    |
| Taylor.....              |            |      | .....    |
| Volusia.....             |            |      | .....    |
| Wakulla.....             |            |      | .....    |
| Walton.....              |            |      | .....    |
| Washington.....          |            |      | .....    |
| Total.....               | 4          | 2    | \$ 400   |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902.

| NAMES<br>OF<br>COUNTIES. | LETTUCE |         |            |
|--------------------------|---------|---------|------------|
|                          | Acres   | Crates  | Value      |
| Alachua.....             | 315     | 88,355  | \$ 89,378  |
| Baker.....               |         |         |            |
| Bradford.....            |         |         |            |
| Brevard.....             |         |         |            |
| Calhoun.....             |         |         |            |
| Citrus.....              |         |         |            |
| Clay.....                |         |         |            |
| Columbia.....            |         |         |            |
| Dade.....                |         |         |            |
| De Soto.....             |         |         |            |
| Duval.....               |         |         |            |
| Escambia.....            |         |         |            |
| Franklin.....            |         |         |            |
| Gadsden.....             |         |         |            |
| Hamilton.....            |         |         |            |
| Hernando.....            |         |         |            |
| Hillsborough.....        |         |         |            |
| Holmes.....              |         |         |            |
| Jackson.....             |         |         |            |
| Jefferson.....           |         |         |            |
| Lafayette.....           |         |         |            |
| Lake.....                |         |         |            |
| Lee.....                 |         |         |            |
| Leon.....                |         |         |            |
| Levy.....                |         |         |            |
| Liberty.....             |         |         |            |
| Madison.....             |         |         |            |
| Manatee.....             | 22      | 16,959  | 21,198     |
| Marion.....              | 356     | 15,655  | 13,080     |
| Monroe.....              |         |         |            |
| Nassau.....              |         |         |            |
| Orange.....              | 57      | 24,285  | 28,355     |
| Osceola.....             |         |         |            |
| Pasco.....               |         |         |            |
| Polk.....                |         |         |            |
| Putnam.....              |         |         |            |
| St. Johns.....           |         |         |            |
| Santa Rosa.....          |         |         |            |
| Sumter.....              |         |         |            |
| Suwannee.....            |         |         |            |
| Taylor.....              |         |         |            |
| Volusia.....             | 20      | 3,400   | 4,672      |
| Wakulla.....             |         |         |            |
| Walton.....              |         |         |            |
| Washington.....          |         |         |            |
| Total.....               | 970     | 148,654 | \$ 156,683 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | CELERY |        |           |
|--------------------------|--------|--------|-----------|
|                          | Acres  | Crates | Value     |
| Alachua.....             |        |        | \$ .....  |
| Baker.....               |        |        | .....     |
| Bradford.....            |        |        | .....     |
| Brevard.....             |        |        | .....     |
| Calhoun.....             |        |        | .....     |
| Citrus.....              |        |        | .....     |
| Clay.....                |        |        | .....     |
| Columbia.....            |        |        | .....     |
| Dade.....                |        |        | .....     |
| De Soto.....             |        |        | .....     |
| Duval.....               |        |        | .....     |
| Escambia.....            |        |        | .....     |
| Franklin.....            |        |        | .....     |
| Gadsden.....             |        |        | .....     |
| Hamilton.....            |        |        | .....     |
| Hernando.....            |        |        | .....     |
| Hillsborough.....        |        |        | .....     |
| Holmes.....              |        |        | .....     |
| Jackson.....             |        |        | .....     |
| Jefferson.....           |        |        | .....     |
| Lafayette.....           |        |        | .....     |
| Lake.....                |        |        | .....     |
| Lee.....                 |        |        | .....     |
| Leon.....                |        |        | .....     |
| Levy.....                |        |        | .....     |
| Liberty.....             |        |        | .....     |
| Madison.....             |        |        | .....     |
| Manatee.....             | 28     | 16,690 | 41,725    |
| Marion.....              |        |        | .....     |
| Monroe.....              |        |        | .....     |
| Nassau.....              |        |        | .....     |
| Orange.....              | 53     | 7,561  | 41,785    |
| Osceola.....             |        |        | .....     |
| Pasco.....               |        |        | .....     |
| Polk.....                |        |        | .....     |
| Putnam.....              |        |        | .....     |
| St. Johns.....           |        |        | .....     |
| Santa Rosa.....          |        |        | .....     |
| Sumter.....              |        |        | .....     |
| Suwannee.....            |        |        | .....     |
| Taylor.....              |        |        | .....     |
| Volusia.....             | 10     | 2,200  | 4,400     |
| Wakulla.....             |        |        | .....     |
| Walton.....              |        |        | .....     |
| Washington.....          |        |        | .....     |
| Total.....               | 91     | 26,451 | \$ 87,910 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | PEPPERS |        |          |
|--------------------------|---------|--------|----------|
|                          | Acres   | Crates | Value    |
| Alachua.....             |         |        | \$ ..... |
| Baker.....               |         |        | .....    |
| Bradford.....            |         |        | .....    |
| Brevard.....             |         |        | .....    |
| Calhoun.....             |         |        | .....    |
| Citrus.....              |         |        | .....    |
| Clay.....                |         |        | .....    |
| Columbia.....            |         |        | .....    |
| Dade.....                |         |        | .....    |
| De Soto.....             |         |        | .....    |
| Duval.....               |         |        | .....    |
| Escambia.....            |         |        | .....    |
| Franklin.....            |         |        | .....    |
| Gadsden.....             |         |        | .....    |
| Hamilton.....            |         |        | .....    |
| Hernando.....            |         |        | .....    |
| Hillsborough.....        |         |        | .....    |
| Holmes.....              |         |        | .....    |
| Jackson.....             |         |        | .....    |
| Jefferson.....           |         |        | .....    |
| Lafayette.....           |         |        | .....    |
| Lake.....                |         |        | .....    |
| Lee.....                 |         |        | .....    |
| Leon.....                |         |        | .....    |
| Levy.....                |         |        | .....    |
| Liberty.....             |         |        | .....    |
| Madison.....             |         |        | .....    |
| Manatee.....             |         |        | .....    |
| Marion.....              |         |        | .....    |
| Monroe.....              |         |        | .....    |
| Nassau.....              |         |        | .....    |
| Orange.....              |         |        | .....    |
| Osceola.....             |         |        | .....    |
| Pasco.....               |         |        | .....    |
| Polk.....                |         |        | .....    |
| Putnam.....              |         |        | .....    |
| St. Johns.....           | 4       | 800    | 1,440    |
| Santa Rosa.....          |         |        | .....    |
| Sumter.....              |         |        | .....    |
| Suwannee.....            |         |        | .....    |
| Taylor.....              |         |        | .....    |
| Volusia.....             |         |        | .....    |
| Wakulla.....             |         |        | .....    |
| Walton.....              |         |        | .....    |
| Washington.....          |         |        | .....    |
| Total.....               | 4       | 800    | \$ 1,440 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | IRISH POTATOES |         |            |
|--------------------------|----------------|---------|------------|
|                          | Acres          | Bushels | Value      |
| Alachua.....             | 31             | 1,650   | \$ 1,650   |
| Baker.....               | 6              | 300     | 300        |
| Bradford.....            |                |         |            |
| Brevard.....             | 122            | 12,030  | 11,980     |
| Calhoun.....             |                |         |            |
| Citrus.....              | 149            | 15,320  | 18,970     |
| Clay.....                |                |         |            |
| Columbia.....            | 4              | 115     | 122        |
| Dade.....                | 1              |         | 100        |
| De Soto.....             | 48             | 4,920   | 8,790      |
| Duval.....               | 73             | 4,738   | 4,503      |
| Escambia.....            | 41             | 3,875   | 3,875      |
| Franklin.....            |                |         |            |
| Gadsden.....             |                |         |            |
| Hamilton.....            |                |         |            |
| Hernando.....            | 4              | 590     | 600        |
| Hillsborough.....        | 127            | 6,179   | 10,292     |
| Holmes.....              |                |         |            |
| Jackson.....             |                |         |            |
| Jefferson.....           |                |         |            |
| Lafayette.....           |                |         |            |
| Lake.....                | 31             | 2,330   | 2,803      |
| Lee.....                 | 3              | 250     | 340        |
| Leon.....                | 180            | 9,000   | 9,000      |
| Levy.....                | 23             | 948     | 1,082      |
| Liberty.....             |                |         |            |
| Madison.....             |                |         |            |
| Manatee.....             | 20             | 2,000   | 3,200      |
| Marion.....              | 147            | 5,880   | 5,910      |
| Monroe.....              |                |         |            |
| Nassau.....              |                |         |            |
| Orange.....              | 233            | 9,401   | 19,397     |
| Osceola.....             | 3              | 430     | 430        |
| Pasco.....               | 100            | 6,355   | 7,295      |
| Polk.....                | 41             | 2,823   | 3,399      |
| Putnam.....              | 6              | 266     | 280        |
| St. Johns.....           | 1,674          | 177,390 | 214,074    |
| Santa Rosa.....          |                |         |            |
| Sumter.....              | 36             | 2,723   | 2,531      |
| Suwannee.....            |                |         |            |
| Taylor.....              |                |         |            |
| Volusia.....             | 66             | 4,815   | 6,142      |
| Wakulla.....             |                |         |            |
| Walton.....              | 30             | 1,429   | 1,364      |
| Washington.....          |                |         |            |
| Total.....               | 3,199          | 275,757 | \$ 338,429 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | CABBAGE |         |            |
|--------------------------|---------|---------|------------|
|                          | Acres   | Crates  | Value      |
| Alachua.....             | 999     | 46,339  | \$ 51,590  |
| Baker.....               |         |         |            |
| Bradford.....            |         |         |            |
| Brevard.....             |         |         |            |
| Calhoun.....             |         |         |            |
| Citrus.....              | 353     | 50,290  | 79,350     |
| Clay.....                |         |         |            |
| Columbia.....            | 1       | 7       | 8          |
| Dade.....                |         | 5       | 20         |
| De Soto.....             | 17      | 897     | 2,107      |
| Duval.....               | 27      | 1,731   | 2,235      |
| Escambia.....            | 16      | 4,900   | 2,525      |
| Franklin.....            |         |         |            |
| Gadsden.....             |         |         |            |
| Hamilton.....            |         |         |            |
| Hernando.....            | 15      | 1,045   | 1,475      |
| Hillsborough.....        | 77      | 5,951   | 7,100      |
| Holmes.....              |         |         |            |
| Jackson.....             |         |         |            |
| Jefferson.....           | 1       | 40      | 120        |
| Lafayette.....           |         |         |            |
| Lake.....                | 136     | 13,680  | 10,730     |
| Lee.....                 | 1       | 40      | 100        |
| Leon.....                | 70      | 4,000   | 6,000      |
| Levy.....                | 19      | 667     | 1,079      |
| Liberty.....             |         |         |            |
| Madison.....             |         |         |            |
| Manatee.....             | 71      | 9,650   | 9,650      |
| Marion.....              | 87      | 8,650   | 8,650      |
| Monroe.....              |         |         |            |
| Nassau.....              |         |         |            |
| Orange.....              | 65      | 7,503   | 9,574      |
| Osceola.....             | 3       | 200     | 200        |
| Pasco.....               | 87      | 5,600   | 10,140     |
| Polk.....                | 74      | 5,035   | 5,930      |
| Putnam.....              |         |         |            |
| St. Johns.....           | 16      | 1,360   | 1,740      |
| Santa Rosa.....          |         |         |            |
| Sumter.....              | 366     | 38,408  | 27,837     |
| Suwannee.....            |         |         |            |
| Taylor.....              |         |         |            |
| Volusia.....             | 46      | 1,228   | 3,190      |
| Wakulla.....             |         |         |            |
| Walton.....              | 8       | 369     | 860        |
| Washington.....          |         |         |            |
| Total.....               | 2,557   | 207,695 | \$ 242,210 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | TOMATOES |         |            |
|--------------------------|----------|---------|------------|
|                          | Acres    | Crates  | Value      |
| Alachua.....             | 185      | 14,475  | \$ 11,945  |
| Baker.....               |          |         |            |
| Bradford.....            |          |         |            |
| Brevard.....             | 106      | 10,690  | 11,615     |
| Calhoun.....             |          |         |            |
| Citrus.....              | 77       | 9,360   | 10,490     |
| Clay.....                |          |         |            |
| Columbia.....            |          | 25      | 25         |
| Dade.....                | 1,541    | 168,556 | 220,017    |
| De Soto.....             | 389      | 46,141  | 64,643     |
| Duval.....               | 137      | 8,279   | 7,413      |
| Escambia.....            | 2        | 1,000   | 525        |
| Franklin.....            |          |         |            |
| Gadsden.....             |          |         |            |
| Hamilton.....            |          |         |            |
| Hernando.....            | 7        | 930     | 885        |
| Hillsborough.....        | 72       | 5,726   | 7,874      |
| Holmes.....              |          |         |            |
| Jackson.....             |          |         |            |
| Jefferson.....           | 1        | 200     | 400        |
| Lafayette.....           |          |         |            |
| Lake.....                | 67       | 6,625   | 7,130      |
| Lee.....                 | 579      | 68,555  | 50,235     |
| Leon.....                | 80       | 6,000   | 6,000      |
| Levy.....                | 2        | 224     | 213        |
| Liberty.....             |          |         |            |
| Madison.....             |          |         |            |
| Manatee.....             | 285      | 36,950  | 47,130     |
| Marion.....              | 271      | 14,580  | 13,640     |
| Monroe.....              |          |         |            |
| Nassau.....              |          |         |            |
| Orange.....              | 285      | 35,024  | 35,194     |
| Osceola.....             | 9        | 660     | 610        |
| Pasco.....               | 142      | 8,895   | 12,455     |
| Polk.....                | 211      | 22,092  | 22,920     |
| Putnam.....              |          |         |            |
| St. Johns.....           | 7        | 1,095   | 1,230      |
| Santa Rosa.....          |          |         |            |
| Sumter.....              | 722      | 80,368  | 72,072     |
| Suwannee.....            |          |         |            |
| Taylor.....              |          |         |            |
| Volusia.....             | 23       | 3,550   | 3,910      |
| Wakulla.....             |          |         |            |
| Walton.....              | 4        | 289     | 344        |
| Washington.....          |          |         |            |
| Total.....               | 5,204    | 520,389 | \$ 569,525 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | SQUASHES |        |           |
|--------------------------|----------|--------|-----------|
|                          | Acres    | Crates | Value     |
| Alachua.....             |          |        | \$.....   |
| Baker.....               |          |        | .....     |
| Bradford.....            |          |        | .....     |
| Brevard.....             |          |        | .....     |
| Calhoun.....             |          |        | .....     |
| Citrus.....              | 18       | 1,770  | 1,910     |
| Clay.....                |          |        | .....     |
| Columbia.....            |          |        | .....     |
| Dade.....                |          |        | .....     |
| De Soto.....             | 2        | 100    | 252       |
| Duval.....               |          | 9      | 27        |
| Escambia.....            |          |        | .....     |
| Franklin.....            |          |        | .....     |
| Gadsden.....             |          |        | .....     |
| Hamilton.....            |          |        | .....     |
| Hernando.....            |          |        | .....     |
| Hillsborough.....        | 2        | 162    | 150       |
| Holmes.....              |          |        | .....     |
| Jackson.....             |          |        | .....     |
| Jefferson.....           |          |        | .....     |
| Lafayette.....           |          |        | .....     |
| Lake.....                | 22       | 1,490  | 1,230     |
| Lee.....                 |          |        | .....     |
| Leon.....                | 35       | 700    | 2,100     |
| Levy.....                | 1        | 60     | 67        |
| Liberty.....             |          |        | .....     |
| Madison.....             |          |        | .....     |
| Manatee.....             | 5        | 1,100  | 2,200     |
| Marion.....              |          |        | .....     |
| Monroe.....              |          |        | .....     |
| Nassau.....              |          |        | .....     |
| Orange.....              | 1        | 30     | 42        |
| Osceola.....             |          |        | .....     |
| Pasco.....               | 43       | 2,035  | 2,025     |
| Polk.....                | 6        | 300    | 350       |
| Putnam.....              |          |        | .....     |
| St. Johns.....           | 5        | 350    | 500       |
| Santa Rosa.....          |          |        | .....     |
| Sumter.....              | 13       | 557    | 580       |
| Suwannee.....            |          |        | .....     |
| Taylor.....              |          |        | .....     |
| Volusia.....             | 1        | 50     | 75        |
| Wakulla.....             |          |        | .....     |
| Walton.....              | 6        | 183    | 346       |
| Washington.....          |          |        | .....     |
| Total.....               | 160      | 8,896  | \$ 11,854 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | EGG PLANTS |        |           |
|--------------------------|------------|--------|-----------|
|                          | Acres      | Crates | Value     |
| Alachua.....             |            |        | \$ .....  |
| Baker.....               |            |        | .....     |
| Bradford.....            |            |        | .....     |
| Brevard.....             |            |        | .....     |
| Calhoun.....             |            |        | .....     |
| Citrus.....              | 12         | 1,280  | 1,250     |
| Clay.....                |            |        | .....     |
| Columbia.....            |            |        | .....     |
| Dade.....                | 1          | 275    | 650       |
| De Soto.....             | 13         | 730    | 2,732     |
| Duval.....               |            | 8      | 24        |
| Escambia.....            | 1          | 65     | 130       |
| Franklin.....            |            |        | .....     |
| Gadsden.....             |            |        | .....     |
| Hamilton.....            |            |        | .....     |
| Hernando.....            | 8          | 350    | 660       |
| Hillsborough.....        | 40         | 3,477  | 5,583     |
| Holmes.....              |            |        | .....     |
| Jackson.....             |            |        | .....     |
| Jefferson.....           |            |        | .....     |
| Lafayette.....           |            |        | .....     |
| Lake.....                | 4          | 412    | 310       |
| Lee.....                 | 13         | 930    | 1,110     |
| Leon.....                | 26         | 500    | 800       |
| Levy.....                |            |        | .....     |
| Liberty.....             |            |        | .....     |
| Madison.....             |            |        | .....     |
| Manatee.....             | 25         | 2,680  | 9,570     |
| Marion.....              |            |        | .....     |
| Monroe.....              |            |        | .....     |
| Nassau.....              |            |        | .....     |
| Orange.....              | 15         | 3,141  | 3,323     |
| Osceola.....             |            |        | .....     |
| Pasco.....               | 164        | 8,765  | 17,010    |
| Polk.....                | 7          | 135    | 250       |
| Putnam.....              |            |        | .....     |
| St. Johns.....           |            |        | .....     |
| Santa Rosa.....          |            |        | .....     |
| Sumter.....              | 3          | 290    | 315       |
| Suwannee.....            |            |        | .....     |
| Taylor.....              |            |        | .....     |
| Volusia.....             | 1          | 200    | 250       |
| Wakulla.....             |            |        | .....     |
| Walton.....              | 1          | 28     | 58        |
| Washington.....          |            |        | .....     |
| Total.....               | 334        | 23,266 | \$ 44,026 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | CUCUMBERS |         |            |
|--------------------------|-----------|---------|------------|
|                          | Acres     | Crates  | Value      |
| Alachua.....             | 194       | 11,680  | \$ 10,980  |
| Baker.....               |           |         |            |
| Bradford.....            |           |         |            |
| Brevard.....             |           |         |            |
| Calhoun.....             |           |         |            |
| Citrus.....              | 10        | 800     | 925        |
| Clay.....                | 1         | 100     | 50         |
| Columbia.....            |           |         |            |
| Dade.....                | 3         | 450     | 900        |
| De Soto.....             | 80        | 9,638   | 15,094     |
| Duval.....               | 12        | 648     | 411        |
| Escambia.....            | 2         | 600     | 265        |
| Franklin.....            |           |         |            |
| Gadsden.....             |           |         |            |
| Hamilton.....            |           |         |            |
| Hernando.....            |           |         |            |
| Hillsborough.....        | 41        | 3,582   | 3,751      |
| Holmes.....              |           |         |            |
| Jackson.....             |           |         |            |
| Jefferson.....           |           |         |            |
| Lafayette.....           |           |         |            |
| Lake.....                | 24        | 3,050   | 2,905      |
| Lee.....                 |           |         |            |
| Leon.....                | 25        | 3,400   | 3,000      |
| Levy.....                | 121       | 22,860  | 15,942     |
| Liberty.....             |           |         |            |
| Madison.....             |           |         |            |
| Manatee.....             | 11        | 3,450   | 5,175      |
| Marion.....              | 12        | 1,100   | 1,080      |
| Monroe.....              |           |         |            |
| Nassau.....              |           |         |            |
| Orange.....              | 13        | 3,245   | 2,493      |
| Osceola.....             |           |         |            |
| Pasco.....               | 157       | 11,825  | 12,270     |
| Polk.....                | 6         | 705     | 708        |
| Putnam.....              |           |         |            |
| St. Johns.....           | 3         | 380     | 425        |
| Santa Rosa.....          |           |         |            |
| Sumpter.....             | 282       | 62,917  | 63,805     |
| Suwannee.....            |           |         |            |
| Taylor.....              |           |         |            |
| Volusia.....             | 3         | 322     | 1,264      |
| Wakulla.....             |           |         |            |
| Walton.....              | 4         | 1,076   | 1,035      |
| Washington.....          |           |         |            |
| Total.....               | 1,004     | 141,828 | \$ 142,478 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| Counties.         | WATERMELONS |           |            |
|-------------------|-------------|-----------|------------|
|                   | Acres       | Car Loads | Value.     |
| Alachua.....      | 215         | 191       | 14,470     |
| Baker.....        |             |           |            |
| Bradford.....     |             |           |            |
| Brevard.....      |             |           |            |
| Calhoun.....      |             |           |            |
| Citrus.....       | 78          | 110       | 7,700      |
| Clay.....         |             |           |            |
| Columbia.....     | 37          | 44        | 955        |
| Dade.....         |             |           |            |
| De Soto.....      | 370         | 275       | 45,108     |
| Duval.....        | 249         | 161       | 8,752      |
| Escambia.....     | 84          | 42        | 3,245      |
| Franklin.....     | 14          | 12        | 600        |
| Gadsden.....      |             |           |            |
| Hamilton.....     | 80          | 55        | 2,140      |
| Hernando.....     | 39          | 12        | 1,080      |
| Hillsborough..... | 275         | 147       | 12,491     |
| Holmes.....       |             |           |            |
| Jackson.....      | 60          | 60        | 3,000      |
| Jefferson.....    | 122         | 34        | 1,655      |
| Lafayette.....    | 12          | 5         | 277        |
| Lake.....         | 408         | 189       | 15,840     |
| Lee.....          | 11          | 16        | 325        |
| Leon.....         | 100         | 125       | 4,000      |
| Levy.....         | 57          | 61        | 2,673      |
| Liberty.....      |             |           |            |
| Madison.....      |             |           |            |
| Manatee.....      | 24          | 46        | 4,600      |
| Marion.....       | 1,102       | 428       | 30,560     |
| Monroe.....       |             |           |            |
| Nassau.....       |             |           |            |
| Orange.....       | 50          | 14        | 1,973      |
| Osceola.....      | 22          | 11        | 1,100      |
| Pasco.....        | 121         | 119       | 11,900     |
| Polk.....         | 79          | 39        | 4,750      |
| Putnam.....       |             |           |            |
| St. Johns.....    | 11          | 11        | 1,135      |
| Santa Rosa.....   |             |           |            |
| Sumter.....       | 1,325       | 563       | 44,172     |
| Suwannee.....     |             |           |            |
| Taylor.....       |             |           |            |
| Volusia.....      | 638         | 168       | 15,143     |
| Wakulla.....      |             |           |            |
| Walton.....       | 100         | 91        | 5,960      |
| Washington.....   |             |           |            |
| Total.....        | 5,783       | 2,529     | \$ 244,614 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCE—1902—Continued.

| Counties.         | CANTALOUPE |         |            |
|-------------------|------------|---------|------------|
|                   | Acres      | Crates  | Value      |
| Alachua.....      | 224        | 52,980  | \$ 51,715  |
| Baker.....        |            |         |            |
| Bradford.....     |            |         |            |
| Brevard.....      |            |         |            |
| Calhoun.....      |            |         |            |
| Citrus.....       | 14         | 1,200   | 1,650      |
| Clay.....         |            |         |            |
| Columbia.....     |            | 25      | 25         |
| Dade.....         |            |         |            |
| De Soto.....      | 50         | 2,740   | 7,770      |
| Duval.....        | 2          | 104     | 178        |
| Escambia.....     | 3          | 480     | 535        |
| Franklin.....     |            |         |            |
| Gadsden.....      |            |         |            |
| Hamilton.....     |            |         |            |
| Hernando.....     | 1          | 60      | 100        |
| Hillsborough..... | 32         | 1,410   | 2,654      |
| Holmes.....       |            |         |            |
| Jackson.....      |            |         |            |
| Jefferson.....    | 17         | 1,770   | 925        |
| Lafayette.....    |            |         |            |
| Lake.....         | 17         | 740     | 725        |
| Lee.....          |            |         |            |
| Leon.....         | 80         | 2,500   | 3,500      |
| Levy.....         | 1          | 58      | 58         |
| Liberty.....      |            |         |            |
| Madison.....      |            |         |            |
| Manatee.....      |            |         |            |
| Marion.....       | 593        | 37,040  | 36,640     |
| Monroe.....       |            |         |            |
| Nassau.....       |            |         |            |
| Orange.....       |            |         |            |
| Osceola.....      |            |         |            |
| Pasco.....        | 62         | 2,830   | 3,615      |
| Polk.....         | 24         | 250     | 290        |
| Putnam.....       |            |         |            |
| St. Johns.....    |            |         |            |
| Santa Rosa.....   |            |         |            |
| Sumter.....       | 176        | 8,008   | 7,490      |
| Suwannee.....     |            |         |            |
| Taylor.....       |            |         |            |
| Volusia.....      | 6          | 24      | 137        |
| Wakulla.....      |            |         |            |
| Walton.....       | 6          | 117     | 210        |
| Washington.....   |            |         |            |
| Total.....        | 1,307      | 112,336 | \$ 118,217 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| Counties.         | ENGLISH PEAS |        |           |
|-------------------|--------------|--------|-----------|
|                   | Acres        | Crates | Value     |
| Alachua.....      | 13           | 720    | \$ 645    |
| Paker.....        |              |        |           |
| Bradford.....     |              |        |           |
| Brevard.....      |              |        |           |
| Calhoun.....      |              |        |           |
| Citrus.....       |              |        |           |
| Clay.....         |              |        |           |
| Columbia.....     |              |        |           |
| Dade.....         |              |        |           |
| De Soto.....      | 1            | 140    | 345       |
| Duval.....        | 17           | 633    | 659       |
| Escambia.....     |              |        |           |
| Franklin.....     |              |        |           |
| Gadsden.....      |              |        |           |
| Hamilton.....     |              |        |           |
| Hernando.....     |              |        |           |
| Hillsborough..... | 1            | 97     | 141       |
| Holmes.....       |              |        |           |
| Jackson.....      |              |        |           |
| Jefferson.....    |              |        |           |
| Lafayette.....    |              |        |           |
| Lake.....         | 69           | 4,565  | 6,688     |
| Lee.....          |              |        |           |
| Leon.....         | 50           | 3,000  | 6,000     |
| Levy.....         |              |        |           |
| Liberty.....      |              |        |           |
| Madison.....      |              |        |           |
| Manatee.....      |              |        |           |
| Marion.....       |              |        |           |
| Monroe.....       |              |        |           |
| Nassau.....       |              |        |           |
| Orange.....       | 4            | 315    | 490       |
| Osceola.....      |              |        |           |
| Pasco.....        | 348          | 25,010 | 26,910    |
| Polk.....         |              |        |           |
| Putnam.....       |              |        |           |
| St. Johns.....    | 2            | 280    | 300       |
| Santa Rosa.....   |              |        |           |
| Sumter.....       | 1            | 104    | 56        |
| Suwannee.....     |              |        |           |
| Taylor.....       |              |        |           |
| Volusia.....      | 2            | 200    | 200       |
| Wakulla.....      |              |        |           |
| Walton.....       | 1            | 50     | 42        |
| Washington.....   |              |        |           |
| Total.....        | 509          | 35,114 | \$ 41,686 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| Counties.         | BEETS |        |           |
|-------------------|-------|--------|-----------|
|                   | Acres | Crates | Value     |
| Alachua.....      | 33    | 2,485  | \$ 1,865  |
| Baker.....        |       |        |           |
| Bradford.....     |       |        |           |
| Brevard.....      |       |        |           |
| Calhoun.....      |       |        |           |
| Citrus.....       | 17    | 1,630  | 1,820     |
| Clay.....         |       |        |           |
| Columbia.....     |       |        |           |
| Dade.....         |       |        |           |
| De Soto.....      | 2     | 335    | 460       |
| Duval.....        | 1     | 45     | 40        |
| Escambia.....     | 1     | 200    | 200       |
| Franklin.....     |       |        |           |
| Gadsden.....      |       |        |           |
| Hamilton.....     |       |        |           |
| Hernando.....     |       |        |           |
| Hillsborough..... | 8     | 595    | 1,105     |
| Holmes.....       |       |        |           |
| Jackson.....      |       |        |           |
| Jefferson.....    |       | 25     | 75        |
| Lafayette.....    |       |        |           |
| Lake.....         |       |        |           |
| Lee.....          |       |        |           |
| Leon.....         | 20    | 2,000  | 2,000     |
| Levy.....         | 2     | 189    | 193       |
| Liberty.....      |       |        |           |
| Madison.....      |       |        |           |
| Manatee.....      | 10    | 1,600  | 2,050     |
| Marion.....       | 2     | 300    | 300       |
| Monroe.....       |       |        |           |
| Nassau.....       |       |        |           |
| Orange.....       | 6     | 685    | 1,300     |
| Osceola.....      | 1     | 40     | 40        |
| Pasco.....        | 60    | 3,355  | 3,130     |
| Polk.....         | 3     | 1,700  | 1,700     |
| Putnam.....       |       |        |           |
| St. Johns.....    | 3     | 525    | 1,100     |
| Santa Rosa.....   |       |        |           |
| Sumter.....       | 69    | 11,629 | 8,291     |
| Suwannee.....     |       |        |           |
| Taylor.....       |       |        |           |
| Volusia.....      |       |        |           |
| Wakulla.....      |       |        |           |
| Walton.....       |       |        |           |
| Washington.....   |       |        |           |
| Ttotal.....       | 238   | 27,338 | \$ 25,669 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| Counties.         | BEANS |         |            |
|-------------------|-------|---------|------------|
|                   | Acres | Crates  | Value      |
| Alachua.....      | 336   | 21,146  | \$ 18,620  |
| Baker.....        | 1     | 50      | 50         |
| Bradford.....     |       |         |            |
| Brevard.....      | 516   | 62,130  | 53,350     |
| Calhoun.....      |       |         |            |
| Citrus.....       | 22    | 5,880   | 6,915      |
| Clay.....         |       |         |            |
| Columbia.....     | 3     | 85      | 85         |
| Dade.....         | 16    | 1,500   | 1,110      |
| De Soto.....      | 806   | 98,387  | 141,316    |
| Duval.....        | 63    | 2,259   | 1,706      |
| Escambia.....     | 2     | 600     | 300        |
| Franklin.....     |       |         |            |
| Gadsden.....      |       |         |            |
| Hamilton.....     |       |         |            |
| Hernando.....     | 2     | 220     | 220        |
| Hillsborough..... | 93    | 6,448   | 6,236      |
| Holmes.....       |       |         |            |
| Jackson.....      |       |         |            |
| Jefferson.....    |       |         |            |
| Lafayette.....    |       |         |            |
| Lake.....         | 127   | 10,092  | 11,118     |
| Lee.....          | 3     | 320     | 295        |
| Leon.....         | 70    | 3,500   | 3,500      |
| Levy.....         | 6     | 401     | 422        |
| Liberty.....      |       |         |            |
| Madison.....      |       |         |            |
| Manatee.....      | 10    | 1,600   | 2,750      |
| Marion.....       | 360   | 30,780  | 29,780     |
| Monroe.....       |       |         |            |
| Nassau.....       |       |         |            |
| Orange.....       | 50    | 3,604   | 4,700      |
| Osceola.....      | 12    | 1,130   | 1,130      |
| Pasco.....        | 381   | 28,035  | 33,065     |
| Polk.....         | 24    | 1,742   | 2,630      |
| Putnam.....       |       |         |            |
| St. Johns.....    | 3     | 350     | 475        |
| Santa Rosa.....   |       |         |            |
| Sumter.....       | 366   | 25,460  | 27,747     |
| Suwannee.....     |       |         |            |
| Taylor.....       |       |         |            |
| Volusia.....      | 7     | 791     | 1,146      |
| Wakulla.....      |       |         |            |
| Walton.....       | 5     | 659     | 486        |
| Washington.....   |       |         |            |
| Total.....        | 3,284 | 307,149 | \$ 348,122 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1902—Continued.

| Counties.         | ONIONS |         |          |
|-------------------|--------|---------|----------|
|                   | Acres  | Bushels | Value    |
| Alachua.....      |        |         | \$ ..... |
| Baker.....        |        |         | .....    |
| Bradford.....     |        |         | .....    |
| Brevard.....      |        |         | .....    |
| Calhoun.....      |        |         | .....    |
| Citrus.....       |        |         | .....    |
| Clay.....         |        |         | .....    |
| Columbia.....     |        |         | .....    |
| Dade.....         |        |         | .....    |
| De Soto.....      |        |         | .....    |
| Duval.....        |        |         | .....    |
| Escambia.....     |        |         | .....    |
| Franklin.....     |        |         | .....    |
| Gadsden.....      |        |         | .....    |
| Hamilton.....     |        |         | .....    |
| Hernando.....     |        |         | .....    |
| Hillsborough..... |        |         | .....    |
| Holmes.....       |        |         | .....    |
| Jackson.....      |        |         | .....    |
| Jefferson.....    |        |         | .....    |
| Lafayette.....    |        |         | .....    |
| Lake.....         |        |         | .....    |
| Lee.....          |        |         | .....    |
| Leon.....         |        |         | .....    |
| Levy.....         |        |         | .....    |
| Liberty.....      |        |         | .....    |
| Madison.....      |        |         | .....    |
| Manatee.....      |        |         | .....    |
| Marion.....       |        |         | .....    |
| Monroe.....       |        |         | .....    |
| Nassau.....       |        |         | .....    |
| Orange.....       | 1      | 25      | 53       |
| Osceola.....      |        |         | .....    |
| Pasco.....        |        |         | .....    |
| Polk.....         |        |         | .....    |
| Putnam.....       | 3      | 120     | 150      |
| St. Johns.....    | 3      | 540     | 864      |
| Santa Rosa.....   |        |         | .....    |
| Sumter.....       |        |         | .....    |
| Suwannee.....     |        |         | .....    |
| Taylor.....       |        |         | .....    |
| Volusia.....      | 7      | 344     | 523      |
| Wakulla.....      |        |         | .....    |
| Walton.....       |        |         | .....    |
| Washington.....   |        |         | .....    |
| Ttotal.....       | 14     | 1,029   | \$ 1,590 |

TABLE NO. 3. FRUIT CROPS—1902.

| Counties.         | ORANGES       |                   |              |              |
|-------------------|---------------|-------------------|--------------|--------------|
|                   | Bearing Trees | Non-Bearing Trees | No. of Boxes | Value        |
| Alachua.....      |               | 55,725            |              | \$ .....     |
| Baker.....        | 240           | 850               | 270          | 550          |
| Bradford.....     |               |                   |              | .....        |
| Brevard.....      | 125,065       | 300,970           | 127,430      | 330,740      |
| Calhoun.....      |               |                   |              | .....        |
| Citrus.....       | 1,840         | 103,470           | 2,860        | 6,965        |
| Clay.....         | 112           | 500               | 31           | 32           |
| Columbia.....     |               |                   |              | .....        |
| Dade.....         | 7,195         | 8,085             | 2,452        | 39,974       |
| De Soto.....      | 121,316       | 257,785           | 418,144      | 690,408      |
| Duval.....        |               |                   |              | .....        |
| Escambia.....     |               |                   |              | .....        |
| Franklin.....     |               |                   |              | .....        |
| Gadsden.....      |               |                   |              | .....        |
| Hamilton.....     |               |                   |              | .....        |
| Hernando.....     | 1,803         | 18,450            | 347          | 740          |
| Hillsborough..... | 16,541        | 178,872           | 288,996      | 535,930      |
| Holmes.....       |               |                   |              | .....        |
| Jackson.....      |               |                   |              | .....        |
| Jefferson.....    |               |                   |              | .....        |
| Lafayette.....    |               |                   |              | .....        |
| Lake.....         | 67,018        | 290,154           | 18,935       | 24,095       |
| Lee.....          | 19,465        | 171,650           | 51,595       | 50,605       |
| Leon.....         |               |                   |              | .....        |
| Levy.....         | 76            | 3,358             | 3            | 4            |
| Liberty.....      |               |                   |              | .....        |
| Madison.....      |               |                   |              | .....        |
| Manatee.....      | 73,697        | 27,280            | 114,203      | 142,474      |
| Marion.....       | 22,125        | 38,480            | 15,600       | 23,200       |
| Monroe.....       |               |                   |              | .....        |
| Nassau.....       |               |                   |              | .....        |
| Orange.....       | 189,534       | 417,037           | 80,143       | 123,306      |
| Osceola.....      | 16,606        | 13,691            | 25,475       | 25,475       |
| Pasco.....        | 11,846        | 114,295           | 23,390       | 34,245       |
| Polk.....         | 106,608       | 155,342           | 137,066      | 137,066      |
| Putnam.....       | 9,278         | 80,192            | 7,542        | 15,119       |
| St. Johns.....    | 8,686         | 7,325             | 1,070        | 2,135        |
| Santa Rosa.....   |               |                   |              | .....        |
| Sumter.....       | 34,848        | 59,764            | 5,404        | 12,487       |
| Suwannee.....     |               |                   |              | .....        |
| Taylor.....       |               |                   |              | .....        |
| Volusia.....      | 104,723       | 227,802           | 44,350       | 106,716      |
| Wakulla.....      |               |                   |              | .....        |
| Walton.....       |               |                   |              | .....        |
| Washington.....   | 30            | 60                |              | 3,000        |
| Total.....        | 938,652       | 2,587,137         | 1,465,306    | \$ 2,306,266 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | LEMONS        |                   |              |          |
|-------------------|---------------|-------------------|--------------|----------|
|                   | Bearing Trees | Non-Bearing Trees | No. of Boxes | Value    |
| Alachua.....      |               |                   |              | \$ ..... |
| Baker.....        |               |                   |              | .....    |
| Bradford.....     |               |                   |              | .....    |
| Brevard.....      |               |                   |              | .....    |
| Calhoun.....      |               |                   |              | .....    |
| Citrus.....       |               |                   |              | .....    |
| Clay.....         |               |                   |              | .....    |
| Columbia.....     |               |                   |              | .....    |
| Dade.....         | 150           | 50                | 250          | 250      |
| De Soto.....      | 616           | 231               | 815          | 1,267    |
| Duval.....        |               |                   |              | .....    |
| Escambia.....     |               |                   |              | .....    |
| Franklin.....     |               |                   |              | .....    |
| Gadsden.....      |               |                   |              | .....    |
| Hamilton.....     |               |                   |              | .....    |
| Hernando.....     |               |                   |              | .....    |
| Hillsborough..... | 3,305         | 4,081             | 142          | 132      |
| Holmes.....       |               |                   |              | .....    |
| Jackson.....      |               |                   |              | .....    |
| Jefferson.....    |               |                   |              | .....    |
| Lafayette.....    |               |                   |              | .....    |
| Lake.....         |               |                   |              | .....    |
| Lee.....          | 20            | 20                | 50           | 50       |
| Leon.....         |               |                   |              | .....    |
| Levy.....         |               |                   |              | .....    |
| Liberty.....      |               |                   |              | .....    |
| Madison.....      |               |                   |              | .....    |
| Manatee.....      | 7,000         |                   | 3,000        | 6,000    |
| Marion.....       |               |                   |              | .....    |
| Monroe.....       |               |                   |              | .....    |
| Nassau.....       |               |                   |              | .....    |
| Orange.....       |               |                   |              | .....    |
| Osceola.....      | 100           |                   | 300          | 300      |
| Pasco.....        | 245           | 1,665             | 258          | 466      |
| Polk.....         |               |                   |              | .....    |
| Putnam.....       |               |                   |              | .....    |
| St. Johns.....    |               |                   |              | .....    |
| Santa Rosa.....   |               |                   |              | .....    |
| Sumter.....       | 100           | 200               | 10           | 50       |
| Suwannee.....     |               |                   |              | .....    |
| Taylor.....       |               |                   |              | .....    |
| Volusia.....      | 150           |                   | 60           | 175      |
| Wakulla.....      |               |                   |              | .....    |
| Walton.....       |               |                   |              | .....    |
| Washington.....   |               |                   |              | .....    |
| Total.....        | 11,686        | 6,217             | 5,185        | \$ 8,690 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | LIMES |        |          |
|-------------------|-------|--------|----------|
|                   | Trees | Crates | Value    |
| Alachua.....      |       |        | \$ ..... |
| Baker.....        |       |        | .....    |
| Bradford.....     |       |        | .....    |
| Brevard.....      |       |        | .....    |
| Calhoun.....      |       |        | .....    |
| Citrus.....       |       |        | .....    |
| Clay.....         |       |        | .....    |
| Columbia.....     |       |        | .....    |
| Dade.....         | 136   | 200    | 100      |
| De Soto.....      | 458   | 532    | 1,047    |
| Duval.....        |       |        | .....    |
| Escambia.....     |       |        | .....    |
| Franklin.....     |       |        | .....    |
| Gadsden.....      |       |        | .....    |
| Hamilton.....     |       |        | .....    |
| Hernando.....     |       |        | .....    |
| Hillsborough..... | 112   |        | .....    |
| Holmes.....       |       |        | .....    |
| Jackson.....      |       |        | .....    |
| Jefferson.....    |       |        | .....    |
| Lafayette.....    |       |        | .....    |
| Lake.....         |       |        | .....    |
| Lee.....          |       |        | 33       |
| Leon.....         |       |        | .....    |
| Levy.....         |       |        | .....    |
| Liberty.....      |       |        | .....    |
| Madison.....      |       |        | .....    |
| Manatee.....      |       |        | .....    |
| Marion.....       |       |        | .....    |
| Monroe.....       |       |        | .....    |
| Nassau.....       |       |        | .....    |
| Orange.....       | 1     | 1      | 2        |
| Osceola.....      |       |        | .....    |
| Pasco.....        | 500   |        | .....    |
| Polk.....         |       |        | .....    |
| Putnam.....       |       |        | .....    |
| St. Johns.....    |       |        | .....    |
| Santa Rosa.....   |       |        | .....    |
| Sumter.....       |       |        | .....    |
| Suwannee.....     |       |        | .....    |
| Taylor.....       |       |        | .....    |
| Volusia.....      |       |        | .....    |
| Wakulla.....      |       |        | .....    |
| Walton.....       |       |        | .....    |
| Washington.....   |       |        | .....    |
| Total.....        | 1,207 | 733    | 1,282    |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | GRAPE FRUIT |        |            |
|-------------------|-------------|--------|------------|
|                   | Trees       | Crates | Value      |
| Alachua.....      |             |        | \$ .....   |
| Baker.....        |             |        | .....      |
| Bradford.....     |             |        | .....      |
| Brevard.....      | 4,630       | 3,574  | 11,305     |
| Calhoun.....      |             |        | .....      |
| Citrus.....       | 300         | 100    | 100        |
| Clay.....         | 1           | 1      | 1          |
| Columbia.....     |             |        | .....      |
| Dade.....         | 890         | 750    | 2,900      |
| De Soto.....      | 15,709      | 16,706 | 139,570    |
| Duval.....        |             |        | .....      |
| Escambia.....     |             |        | .....      |
| Franklin.....     |             |        | .....      |
| Gadsden.....      |             |        | .....      |
| Hamilton.....     |             |        | .....      |
| Hernando.....     | 382         | 26     | 80         |
| Hillsborough..... | 17,178      | 6,028  | 31,499     |
| Holmes.....       |             |        | .....      |
| Jackson.....      |             |        | .....      |
| Jefferson.....    |             |        | .....      |
| Lafayette.....    |             |        | .....      |
| Lake.....         | 12,284      | 738    | 2,345      |
| Lee.....          | 380         | 1,159  | 5,207      |
| Leon.....         |             |        | .....      |
| Levy.....         |             |        | .....      |
| Liberty.....      |             |        | .....      |
| Madison.....      |             |        | .....      |
| Manatee.....      | 22,534      | 3,459  | 20,766     |
| Marion.....       | 1,500       | 2,000  | 3,900      |
| Monroe.....       |             |        | .....      |
| Nassau.....       |             |        | .....      |
| Orange.....       | 16,731      | 2,637  | 9,403      |
| Osceola.....      | 883         | 906    | 3,745      |
| Pasco.....        | 7,659       | 480    | 2,200      |
| Polk.....         | 15,011      | 3,266  | 44,671     |
| Putnam.....       | 1,647       | 51     | 269        |
| St. Johns.....    | 235         | 59     | 294        |
| Santa Rosa.....   |             |        | .....      |
| Sumpter.....      | 1,241       | 29     | 178        |
| Suwannee.....     |             |        | .....      |
| Taylor.....       |             |        | .....      |
| Volusia.....      | 1,826       | 1,148  | 3,100      |
| Wakulla.....      |             |        | .....      |
| Walton.....       |             |        | .....      |
| Washington.....   |             |        | .....      |
| Sumter.....       | 121,021     | 43,117 | \$ 282,533 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | PINEAPPLES    |            |
|-------------------|---------------|------------|
|                   | No. of Crates | Value      |
| Alachua.....      |               | \$.....    |
| Baker.....        |               | .....      |
| Bradford.....     |               | .....      |
| Brevard.....      | 372,790       | 653,075    |
| Calhoun.....      |               | .....      |
| Citrus.....       |               | .....      |
| Clay.....         |               | .....      |
| Columbia.....     |               | .....      |
| Dade.....         | 105,882       | 120,762    |
| De Soto.....      | 40,646        | 73,594     |
| Duval.....        |               | .....      |
| Escambia.....     |               | .....      |
| Franklin.....     |               | .....      |
| Gadsden.....      |               | .....      |
| Hamilton.....     |               | .....      |
| Hernando.....     |               | .....      |
| Hillsborough..... | 23,649        | 35,315     |
| Holmes.....       |               | .....      |
| Jackson.....      |               | .....      |
| Jefferson.....    |               | .....      |
| Lafayette.....    |               | .....      |
| Lake.....         | 156           | 450        |
| Lee.....          | 1,270         | 3,435      |
| Leon.....         |               | .....      |
| Levy.....         |               | .....      |
| Liberty.....      |               | .....      |
| Madison.....      |               | .....      |
| Manatee.....      | 2,083         | 3,750      |
| Marion.....       |               | .....      |
| Monroe.....       |               | .....      |
| Nassau.....       |               | .....      |
| Orange.....       | 3,216         | 28,197     |
| Osceola.....      | 1,100         | 1,320      |
| Pasco.....        | 746           | 875        |
| Polk.....         | 1,754         | 1,500      |
| Putnam.....       |               | .....      |
| St. Johns.....    |               | .....      |
| Santa Rosa.....   |               | .....      |
| Sumter.....       |               | .....      |
| Suwannee.....     |               | .....      |
| Taylor.....       |               | .....      |
| Volusia.....      | 921           | 1,925      |
| Wakulla.....      |               | .....      |
| Walton.....       |               | .....      |
| Washington.....   |               | .....      |
| Total.....        | 555,213       | \$ 924,198 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | BANANAS |          |
|-------------------|---------|----------|
|                   | Bunches | Value    |
| Alachua.....      |         | \$ ..... |
| Baker.....        |         | .....    |
| Bradford.....     |         | .....    |
| Brevard.....      |         | .....    |
| Calhoun.....      |         | .....    |
| Citrus.....       |         | .....    |
| Clay.....         |         | .....    |
| Columbia.....     |         | .....    |
| Dade.....         | 1,450   | 700      |
| De Soto.....      | 1,767   | 1,434    |
| Duval.....        | 53      | 34       |
| Escambia.....     |         | .....    |
| Franklin.....     |         | .....    |
| Gadsden.....      |         | .....    |
| Hamilton.....     |         | .....    |
| Hernando.....     |         | .....    |
| Hillsborough..... | 227     | 75       |
| Holmes.....       |         | .....    |
| Jackson.....      |         | .....    |
| Jefferson.....    |         | .....    |
| Lafayette.....    |         | .....    |
| Lake.....         |         | .....    |
| Lee.....          |         | .....    |
| Leon.....         |         | .....    |
| Levy.....         | 1       | 1        |
| Liberty.....      |         | .....    |
| Madison.....      |         | .....    |
| Manatee.....      |         | .....    |
| Marion.....       |         | .....    |
| Monroe.....       |         | .....    |
| Nassau.....       |         | .....    |
| Orange.....       | 595     | 580      |
| Osceola.....      |         | .....    |
| Pasco.....        |         | .....    |
| Polk.....         |         | .....    |
| Putnam.....       |         | .....    |
| St. Johns.....    | 110     | 110      |
| Santa Rosa.....   |         | .....    |
| Sumter.....       |         | .....    |
| Suwannee.....     |         | .....    |
| Taylor.....       |         | .....    |
| Volusia.....      |         | .....    |
| Wakulla.....      |         | .....    |
| Walton.....       |         | .....    |
| Washington.....   |         | .....    |
| Total.....        | 4,203   | \$ 2,934 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | JAPANESE PERSIMMONS |      |          |
|-------------------|---------------------|------|----------|
|                   | Trees               | Bush | Value    |
| Alachua.....      |                     |      | \$ ..... |
| Baker.....        |                     |      | .....    |
| Bradford.....     |                     |      | .....    |
| Brevard.....      |                     |      | .....    |
| Calhoun.....      |                     |      | .....    |
| Citrus.....       |                     |      | .....    |
| Clay.....         |                     |      | .....    |
| Columbia.....     |                     |      | .....    |
| Dade.....         |                     |      | .....    |
| De Soto.....      |                     |      | .....    |
| Duval.....        |                     |      | .....    |
| Escambia.....     |                     |      | .....    |
| Franklin.....     |                     |      | .....    |
| Gadsden.....      |                     |      | .....    |
| Hamilton.....     |                     |      | .....    |
| Hernando.....     |                     |      | .....    |
| Hillsborough..... |                     |      | .....    |
| Holmes.....       |                     |      | .....    |
| Jackson.....      |                     |      | .....    |
| Jefferson.....    |                     |      | .....    |
| Lafayette.....    |                     |      | .....    |
| Lake.....         |                     |      | .....    |
| Lee.....          |                     |      | .....    |
| Leon.....         |                     |      | .....    |
| Levy.....         |                     |      | .....    |
| Liberty.....      |                     |      | .....    |
| Madison.....      |                     |      | .....    |
| Manatee.....      |                     |      | .....    |
| Marion.....       |                     |      | .....    |
| Monroe.....       |                     |      | .....    |
| Nassau.....       |                     |      | .....    |
| Orange.....       |                     |      | .....    |
| Osceola.....      |                     |      | .....    |
| Pasco.....        |                     |      | .....    |
| Polk.....         |                     |      | .....    |
| Putnam.....       |                     |      | .....    |
| St. Johns.....    | 150                 | 400  | 1,800    |
| Santa Rosa.....   |                     |      | .....    |
| Sumter.....       |                     |      | .....    |
| Suwannee.....     |                     |      | .....    |
| Taylor.....       |                     |      | .....    |
| Volusia.....      |                     |      | .....    |
| Wakulla.....      |                     |      | .....    |
| Walton.....       |                     |      | .....    |
| Washington.....   |                     |      | .....    |
| Total.....        | 150                 | 400  | \$ 1,800 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | AVOCADO PEARS |          |
|-------------------|---------------|----------|
|                   | Crates        | Value    |
| Alachua.....      |               | \$ ..... |
| Baker.....        |               | .....    |
| Bradford.....     |               | .....    |
| Brevard.....      |               | .....    |
| Calhoun.....      |               | .....    |
| Citrus.....       |               | .....    |
| Clay.....         |               | .....    |
| Columbia.....     |               | .....    |
| Dade.....         |               | .....    |
| De Soto.....      | 22            | 45       |
| Duval.....        |               | .....    |
| Escambia.....     |               | .....    |
| Franklin.....     |               | .....    |
| Gadsden.....      |               | .....    |
| Hamilton.....     |               | .....    |
| Hernando.....     |               | .....    |
| Hillsborough..... | 14            | 4        |
| Holmes.....       |               | .....    |
| Jackson.....      |               | .....    |
| Jefferson.....    |               | .....    |
| Lafayette.....    |               | .....    |
| Lake.....         |               | .....    |
| Lee.....          | 95            | 355      |
| Leon.....         |               | .....    |
| Levy.....         | 10            | 10       |
| Liberty.....      |               | .....    |
| Madison.....      |               | .....    |
| Manatee.....      |               | .....    |
| Marion.....       |               | .....    |
| Monroe.....       |               | .....    |
| Nassau.....       |               | .....    |
| Orange.....       |               | .....    |
| Osceola.....      |               | .....    |
| Pasco.....        |               | .....    |
| Polk.....         |               | .....    |
| Putnam.....       |               | .....    |
| St. Johns.....    |               | .....    |
| Santa Rosa.....   |               | .....    |
| Sumter.....       |               | .....    |
| Suwannee.....     |               | .....    |
| Taylor.....       |               | .....    |
| Volusia.....      |               | .....    |
| Wakulla.....      |               | .....    |
| Walton.....       |               | .....    |
| Washington.....   |               | .....    |
| Total.....        | 141           | \$ 414   |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | GUAVAS |          |
|-------------------|--------|----------|
|                   | Crates | Value    |
| Alachua.....      |        | \$ ..... |
| Baker.....        |        | .....    |
| Bradford.....     |        | .....    |
| Brevard.....      | 5,325  | 2,740    |
| Calhoun.....      |        | .....    |
| Citrus.....       |        | .....    |
| Clay.....         |        | .....    |
| Columbia.....     |        | .....    |
| Dade.....         | 195    | 185      |
| De Soto.....      | 2,502  | 2,502    |
| Duval.....        | 10     | 15       |
| Escambia.....     |        | .....    |
| Franklin.....     |        | .....    |
| Gadsden.....      |        | .....    |
| Hamilton.....     |        | .....    |
| Hernando.....     |        | .....    |
| Hillsborough..... | 482    | 288      |
| Holmes.....       |        | .....    |
| Jackson.....      |        | .....    |
| Jefferson.....    |        | .....    |
| Lafayette.....    |        | .....    |
| Lake.....         | 10     | 10       |
| Lee.....          | 815    | 570      |
| Leon.....         |        | .....    |
| Levy.....         | 1      | 3        |
| Liberty.....      |        | .....    |
| Madison.....      |        | .....    |
| Manatee.....      | 600    | 600      |
| Marion.....       |        | .....    |
| Monroe.....       |        | .....    |
| Nassau.....       |        | .....    |
| Orange.....       | 500    | 500      |
| Osceola.....      |        | .....    |
| Pasco.....        |        | .....    |
| Polk.....         |        | .....    |
| Putnam.....       |        | .....    |
| St. Johns.....    |        | .....    |
| Santa Rosa.....   |        | .....    |
| Sumter.....       |        | .....    |
| Suwannee.....     |        | .....    |
| Taylor.....       |        | .....    |
| Volusia.....      | 23     | 25       |
| Wakulla.....      |        | .....    |
| Walton.....       |        | .....    |
| Washington.....   |        | .....    |
| Total.....        | 10,463 | \$ 7,438 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| Counties.         | COCOANUTS |       |          |
|-------------------|-----------|-------|----------|
|                   | Trees     | Nuts  | Value    |
| Alachua.....      |           |       | \$ ..... |
| Baker.....        |           |       | .....    |
| Bradford.....     |           |       | .....    |
| Brevard.....      |           |       | .....    |
| Calhoun.....      |           |       | .....    |
| Citrus.....       |           |       | .....    |
| Clay.....         |           |       | .....    |
| Columbia.....     |           |       | .....    |
| Dade.....         |           |       | .....    |
| De Soto.....      | 4         | 500   | 10       |
| Duval.....        |           |       | .....    |
| Escambia.....     |           |       | .....    |
| Franklin.....     |           |       | .....    |
| Gadsden.....      |           |       | .....    |
| Hamilton.....     |           |       | .....    |
| Hernando.....     |           |       | .....    |
| Hillsborough..... |           |       | .....    |
| Holmes.....       |           |       | .....    |
| Jackson.....      |           |       | .....    |
| Jefferson.....    |           |       | .....    |
| Lafayette.....    |           |       | .....    |
| Lake.....         |           |       | .....    |
| Lee.....          | 9         | 2,000 | 25       |
| Leon.....         |           |       | .....    |
| Levy.....         |           |       | .....    |
| Liberty.....      |           |       | .....    |
| Madison.....      |           |       | .....    |
| Manatee.....      |           |       | .....    |
| Marion.....       |           |       | .....    |
| Monroe.....       |           |       | .....    |
| Nassau.....       |           |       | .....    |
| Orange.....       |           |       | .....    |
| Osceola.....      |           |       | .....    |
| Pasco.....        |           |       | .....    |
| Polk.....         |           |       | .....    |
| Putnam.....       |           |       | .....    |
| St. Johns.....    |           |       | .....    |
| Santa Rosa.....   |           |       | .....    |
| Sumter.....       |           |       | .....    |
| Suwannee.....     |           |       | .....    |
| Taylor.....       |           |       | .....    |
| Volusia.....      |           |       | .....    |
| Wakulla.....      |           |       | .....    |
| Walton.....       |           |       | .....    |
| Washington.....   |           |       | .....    |
| Total.....        | 13        | 2,500 | 35       |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | PECANS |         |          |
|--------------------------|--------|---------|----------|
|                          | Trees  | Bushels | Value    |
| Alachua.....             |        |         | \$ ..... |
| Baker.....               | 1,010  | 515     | 2,575    |
| Bradford.....            | 53     | 160     | 560      |
| Brevard.....             |        |         | .....    |
| Calhoun.....             | 39     | 7       | 36       |
| Citrus.....              |        |         | .....    |
| Clay.....                | 32     | 7       | 26       |
| Columbia.....            | 2,306  | 213     | 733      |
| Dade.....                |        |         | .....    |
| De Soto.....             | 59     | 16      | 77       |
| Duval.....               |        |         | .....    |
| Escambia.....            | 835    | 130     | 650      |
| Franklin.....            |        |         | .....    |
| Gadsden.....             |        |         | .....    |
| Hamilton.....            |        |         | .....    |
| Hernando.....            |        |         | .....    |
| Hillsborough.....        | 80     | 51      | 103      |
| Holmes.....              |        |         | .....    |
| Jackson.....             |        |         | .....    |
| Jefferson.....           | 26     | 7       | 58       |
| Lafayette.....           | 18     | 22      | 70       |
| Lake.....                |        |         | .....    |
| Lee.....                 |        |         | .....    |
| Leon.....                | 1,881  | 156     | 469      |
| Levy.....                | 347    | 91      | 529      |
| Liberty.....             | 119    | 66      | 250      |
| Madison.....             | 24     | 28      | 138      |
| Manatee.....             |        |         | .....    |
| Marion.....              |        |         | .....    |
| Monroe.....              |        |         | .....    |
| Nassau.....              |        |         | .....    |
| Orange.....              | 4,503  | 22      | 39       |
| Osceola.....             | 505    | 5       | 10       |
| Pasco.....               | 3,525  |         | .....    |
| Polk.....                | 114    | 100     | 100      |
| Putnam.....              | 101    |         | .....    |
| St. Johns.....           | 169    | 262     | 1,083    |
| Santa Rosa.....          | 1,191  | 994     | 2,089    |
| Sumter.....              | 253    | 35      | 248      |
| Suwannee.....            |        |         | .....    |
| Taylor.....              |        |         | .....    |
| Volusia.....             | 44     | 29      | 218      |
| Wakulla.....             | 238    | 20      | 83       |
| Walton.....              | 462    | 341     | 1,173    |
| Washington.....          |        |         | .....    |
| Total.....               | 17,935 | 3,277   | 11,317   |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | STRAWBERRIES |           |            |
|--------------------------|--------------|-----------|------------|
|                          | Acres        | Quarts    | Value      |
| Alachua.....             | 13           | 9,610     | \$ 930     |
| Baker.....               | 1            | 500       | 125        |
| Bradford.....            | 182          | 274,740   | 54,760     |
| Brevard.....             |              |           |            |
| Calhoun.....             |              |           |            |
| Citrus.....              | 2            | 2,300     | 330        |
| Clay.....                | 45           | 43,895    | 11,190     |
| Columbia.....            |              | 100       | 15         |
| Dade.....                |              |           |            |
| De Soto.....             | 5            | 4,600     | 1,565      |
| Duval.....               | 32           | 24,564    | 2,979      |
| Escambia.....            | 3            | 5,300     | 620        |
| Franklin.....            |              |           |            |
| Gadsden.....             |              |           |            |
| Hamilton.....            |              |           |            |
| Hernando.....            | 4            | 10,400    | 1,940      |
| Hillsborough.....        | 300          | 1,213,684 | 72,209     |
| Holmes.....              |              |           |            |
| Jackson.....             |              |           |            |
| Jefferson.....           | 1            | 300       | 30         |
| Lafayette.....           |              |           |            |
| Lake.....                | 8            | 17,373    | 1,685      |
| Lee.....                 |              |           |            |
| Leon.....                |              |           |            |
| Levy.....                |              |           |            |
| Liberty.....             |              | 32        | 4          |
| Madison.....             |              |           |            |
| Manatee.....             | 8            | 7,200     | 750        |
| Marion.....              | 2            | 3,000     | 360        |
| Monroe.....              |              |           |            |
| Nassau.....              |              |           |            |
| Orange.....              | 7            | 11,900    | 1,540      |
| Osceola.....             | 1            | 350       | 35         |
| Pasco.....               | 112          | 88,200    | 11,250     |
| Polk.....                | 272          | 266,450   | 26,950     |
| Putnam.....              | 9            | 2,150     | 143        |
| St. Johns.....           | 5            | 11,200    | 1,480      |
| Santa Rosa.....          |              |           |            |
| Sumter.....              | 12           | 23,100    | 1,555      |
| Suwannee.....            |              |           |            |
| Taylor.....              |              |           |            |
| Volusia.....             | 9            | 8,520     | 1,177      |
| Wakulla.....             |              |           |            |
| Walton.....              | 25           | 5,072     | 522        |
| Washington.....          | 3            | 600       | 70         |
| Total.....               | 1,061        | 2,035,240 | \$ 194,214 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | PEARS  |         |           |
|--------------------------|--------|---------|-----------|
|                          | Trees  | Barrels | Value     |
| Alachua.....             | 1,850  | 890     | \$ 530    |
| Baker.....               | 2,188  | 1,289   | 1,289     |
| Bradford.....            |        |         |           |
| Brevard.....             |        |         |           |
| Calhoun.....             | 100    | 20      | 60        |
| Citrus.....              | 490    | 780     | 1,320     |
| Clay.....                | 1,787  | 161     | 309       |
| Columbia.....            | 2,570  | 407     | 389       |
| Dade.....                |        |         |           |
| De Soto.....             | 176    | 63      | 118       |
| Duval.....               | 2,102  | 543     | 620       |
| Escambia.....            | 1,505  | 2,000   | 2,000     |
| Franklin.....            |        |         |           |
| Gadsden.....             |        |         |           |
| Hamilton.....            | 50     | 10      | 10        |
| Hernando.....            | 170    | 124     | 205       |
| Hillsborough.....        | 937    | 212     | 617       |
| Holmes.....              | 6      | 1       | 3         |
| Jackson.....             | 1,270  | 1,270   | 1,270     |
| Jefferson.....           | 1,407  | 887     | 908       |
| Lafayette.....           | 330    | 412     | 517       |
| Lake.....                | 2,126  | 383     | 641       |
| Lee.....                 |        |         |           |
| Leon.....                | 7,109  | 2,822   | 4,535     |
| Levy.....                | 1,633  | 310     | 3,919     |
| Liberty.....             | 399    | 767     | 969       |
| Madison.....             |        |         |           |
| Manatee.....             |        |         |           |
| Marion.....              | 1,800  | 1,800   | 900       |
| Monroe.....              |        |         |           |
| Nassau.....              |        |         |           |
| Orange.....              | 363    | 411     | 677       |
| Osceola.....             | 31     | 22      | 49        |
| Pasco.....               | 1,245  | 1,360   | 1,180     |
| Polk.....                | 126    | 75      | 105       |
| Putnam.....              | 304    | 550     | 657       |
| St. Johns.....           | 2,279  | 1,234   | 1,174     |
| Santa Rosa.....          | 569    | 267     | 231       |
| Sumter.....              | 1,100  | 1,188   | 2,450     |
| Suwannee.....            |        |         |           |
| Taylor.....              | 188    | 217     | 191       |
| Volusia.....             | 1,506  | 745     | 1,119     |
| Wakulla.....             | 118    | 116     | 339       |
| Walton.....              | 807    | 1,393   | 1,611     |
| Washington.....          | 81     | 155     | 101       |
| Total.....               | 38,813 | 22,884  | \$ 31,013 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | PEACHES |         |          |
|--------------------------|---------|---------|----------|
|                          | Trees   | Busbels | Value    |
| Alachua.....             | 10,560  | 8,220   | \$ 6,115 |
| Baker.....               | 8,742   | 5,400   | 4,203    |
| Bradford.....            |         |         |          |
| Brevard.....             |         |         |          |
| Calhoun.....             | 6       | 12      | 12       |
| Citrus.....              | 7,475   | 5,540   | 7,910    |
| Clay.....                | 4,759   | 1,746   | 1,321    |
| Columbia.....            | 7,769   | 7,424   | 6,588    |
| Dade.....                |         |         |          |
| De Soto.....             | 1,682   | 1,098   | 2,082    |
| Duval.....               | 2,102   | 1,298   | 1,080    |
| Escambia.....            | 1,115   | 1,445   | 1,445    |
| Franklin.....            |         |         |          |
| Gadsden.....             |         |         |          |
| Hamilton.....            | 1,005   | 1,570   | 1,570    |
| Hernando.....            | 1,866   | 969     | 1,235    |
| Hillsborough.....        | 10,521  | 2,202   | 3,521    |
| Holmes.....              | 7,599   | 3,750   | 9,600    |
| Jackson.....             | 675     | 675     | 675      |
| Jefferson.....           | 643     | 955     | 678      |
| Lafayette.....           | 40      | 32      | 35       |
| Lake.....                | 8,943   | 4,025   | 3,977    |
| Lee.....                 |         |         |          |
| Leon.....                | 2,273   | 1,818   | 1,961    |
| Levy.....                | 3,537   | 5,474   | 4,676    |
| Liberty.....             | 3,537   | 5,474   | 4,676    |
| Madison.....             | 1,109   | 1,312   | 1,200    |
| Manatee.....             | 90      | 150     | 150      |
| Marion.....              | 4,000   | 9,500   | 5,000    |
| Monroe.....              |         |         |          |
| Nassau.....              | 30      | 50      | 90       |
| Orange.....              | 1,879   | 1,460   | 1,481    |
| Osceola.....             | 871     | 535     | 540      |
| Pasco.....               | 5,545   | 4,515   | 5,175    |
| Polk.....                | 3,631   | 825     | 1,078    |
| Putnam.....              | 3,472   | 3,472   | 3,366    |
| St. Johns.....           | 3,288   | 2,618   | 3,587    |
| Santa Rosa.....          | 8,345   | 5,857   | 5,104    |
| Sumter.....              | 1,869   | 2,482   | 2,540    |
| Suwannee.....            | 48,750  | 51,083  | 51,083   |
| Taylor.....              | 1,428   | 1,412   | 1,033    |
| Volusia.....             | 21,737  | 18,657  | 17,845   |
| Wakulla.....             | 220     | 145     | 145      |
| Walton.....              | 4,754   | 16,119  | 16,718   |
| Washington.....          | 145     | 280     | 246      |
| Total.....               | 192,475 | 174,125 | 175,565  |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | GRAPE VINES |           |         |           |
|--------------------------|-------------|-----------|---------|-----------|
|                          | Grapes      |           | Wines   |           |
|                          | Lbs.        | Value     | Gallons | Value     |
| Alachua.....             |             | \$        |         | \$        |
| Baker.....               | 34,460      | 1,725     | 1,110   | 1,110     |
| Bradford.....            |             |           |         |           |
| Brevard.....             |             |           |         |           |
| Calhoun.....             |             |           | 460     | 460       |
| Citrus.....              | 65,200      | 6,520     |         |           |
| Clay.....                | 22,850      | 726       | 1,750   | 1,695     |
| Columbia.....            | 68,458      | 1,671     | 1,437   | 1,541     |
| Dade.....                | 1,000       | 50        |         |           |
| De Soto.....             | 14,430      | 2,386     |         |           |
| Duval.....               | 27,209      | 1,349     | 963     | 731       |
| Escambia.....            | 3,500       | 120       |         |           |
| Franklin.....            |             |           |         |           |
| Gadsden.....             |             |           |         |           |
| Hamilton.....            |             |           | 500     | 500       |
| Hernando.....            |             |           |         |           |
| Hillsborough.....        | 7,924       | 838       | 118     | 129       |
| Holmes.....              |             |           |         |           |
| Jackson.....             |             |           |         |           |
| Jefferson.....           | 1,100       | 85        | 672     | 471       |
| Lafayette.....           |             | 125       | 300     | 300       |
| Lake.....                | 8,700       | 373       |         |           |
| Lee.....                 |             |           |         |           |
| Leon.....                | 40,005      | 2,730     | 2,975   | 3,035     |
| Levy.....                | 9,461       | 566       | 528     | 525       |
| Liberty.....             | 1,760       | 256       | 423     | 423       |
| Madison.....             |             |           |         |           |
| Manatee.....             |             |           |         |           |
| Marion.....              |             |           |         |           |
| Monroe.....              |             |           |         |           |
| Nassau.....              | 250         | 35        | 80      | 65        |
| Orange.....              | 3,902       | 962       | 2,075   | 1,955     |
| Osceola.....             | 400         | 40        |         |           |
| Pasco.....               | 4,920       | 502       | 1,120   | 1,245     |
| Polk.....                | 795         | 247       |         |           |
| Putnam.....              | 8,135       | 355       | 30      | 60        |
| St. Johns.....           | 256,700     | 5,134     | 21,940  | 21,940    |
| Santa Rosa.....          |             |           |         |           |
| Sumter.....              | 8,694       | 493       | 130     | 132       |
| Suwannee.....            |             |           |         |           |
| Taylor.....              | 3,615       | 145       | 30      | 30        |
| Volusia.....             | 148,435     | 2,655     | 4,565   | 4,565     |
| Wakulla.....             |             |           |         |           |
| Walton.....              | 37,512      | 2,124     | 65      | 65        |
| Washington.....          | 100         | 15        |         |           |
| Total.....               | 779,515     | \$ 32,227 | 41,271  | \$ 40,927 |

TABLE NO. 3. FRUIT CROPS—1902—Continued.

| NAMES<br>OF<br>COUNTIES. | FIGS   |          |
|--------------------------|--------|----------|
|                          | Crates | Value    |
| Alachua.....             |        | \$ ..... |
| Baker.....               |        | .....    |
| Bradford.....            |        | .....    |
| Brevard.....             |        | .....    |
| Calhoun.....             |        | .....    |
| Citrus.....              |        | .....    |
| Clay.....                | 5      | 10       |
| Columbia.....            | 60     | 117      |
| Dade.....                |        | .....    |
| De Soto.....             | 127    | 521      |
| Duval.....               |        | .....    |
| Escambia.....            |        | .....    |
| Franklin.....            |        | .....    |
| Gadsden.....             |        | .....    |
| Hamilton.....            |        | .....    |
| Hernando.....            |        | .....    |
| Hillsborough.....        | 2      | 2        |
| Holmes.....              | 6      | 6        |
| Jackson.....             |        | .....    |
| Jefferson.....           |        | .....    |
| Lafayette.....           |        | .....    |
| Lake.....                | 25     | 45       |
| Lee.....                 |        | .....    |
| Leon.....                | 274    | 333      |
| Levy.....                | 43     | 210      |
| Liberty.....             | 10     | 25       |
| Madison.....             |        | .....    |
| Manatee.....             |        | .....    |
| Marion.....              |        | .....    |
| Monroe.....              |        | .....    |
| Nassau.....              | 6      | 10       |
| Orange.....              | 40     | 123      |
| Osceola.....             |        | .....    |
| Pasco.....               |        | .....    |
| Polk.....                | 45     | 35       |
| Putnam.....              |        | .....    |
| St. Johns.....           | 224    | 429      |
| Santa Rosa.....          | 5      | 10       |
| Sumter.....              | 121    | 191      |
| Suwannee.....            |        | .....    |
| Taylor.....              |        | .....    |
| Volusia.....             | 69     | 141      |
| Wakulla.....             |        | .....    |
| Walton.....              | 226    | 267      |
| Washington.....          |        | .....    |
| Total.....               | 1,388  | \$ 2,485 |

TABLE NO. 4. LIVE STOCK—1902.

| NAMES<br>OF<br>COUNTIES. | HORSES |              |
|--------------------------|--------|--------------|
|                          | Number | Value        |
| Alachua.....             | 2,899  | \$ 206,975   |
| Baker.....               | 420    | 18,360       |
| Bradford.....            | 1,227  | 83,245       |
| Brevard.....             | 383    | 14,310       |
| Calhoun.....             | 462    | 36,795       |
| Citrus.....              | 603    | 60,300       |
| Clay.....                | 525    | 20,945       |
| Columbia.....            | 1,158  | 81,212       |
| Dade.....                | 216    | 20,610       |
| De Soto.....             | 2,400  | 119,930      |
| Duval.....               | 623    | 41,857       |
| Escambia.....            | 1,431  | 117,730      |
| Franklin.....            |        |              |
| Gadsden.....             | 1,521  | 129,835      |
| Hamilton.....            | 1,368  | 86,375       |
| Hernando.....            | 443    | 26,080       |
| Hillsborough.....        | 2,181  | 133,599      |
| Holmes.....              | 391    | 16,594       |
| Jackson.....             | 2,748  | 206,100      |
| Jefferson.....           | 801    | 48,090       |
| Lafayette.....           | 513    | 21,513       |
| Lake.....                | 764    | 58,832       |
| Lee.....                 | 365    | 25,635       |
| Leon.....                | 2,035  | 157,734      |
| Levy.....                | 1,286  | 72,335       |
| Liberty.....             | 253    | 18,271       |
| Madison.....             | 790    | 62,230       |
| Manatee.....             | 702    | 23,345       |
| Marion.....              | 3,013  | 100,076      |
| Monroe.....              |        |              |
| Nassau.....              | 793    | 31,352       |
| Orange.....              | 1,407  | 116,079      |
| Osceola.....             | 655    | 17,973       |
| Pasco.....               | 927    | 55,330       |
| Polk.....                | 2,170  | 109,120      |
| Putnam.....              | 595    | 31,520       |
| St. Johns.....           | 990    | 72,900       |
| Santa Rosa.....          | 776    | 26,730       |
| Sumter.....              | 1,495  | 38,695       |
| Suwannee.....            | 1,923  | 134,180      |
| Taylor.....              | 468    | 38,055       |
| Volusia.....             | 1,142  | 80,305       |
| Wakulla.....             | 287    | 12,840       |
| Walton.....              | 664    | 41,157       |
| Washington.....          | 385    | 14,311       |
| Total.....               | 46,208 | \$ 2,880,460 |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | MULES: |              |
|--------------------------|--------|--------------|
|                          | Number | Value        |
| Alachua.....             | 987    | \$ 70,845    |
| Baker.....               | 215    | 14,130       |
| Bradford.....            | 571    | 46,730       |
| Brevard.....             | 6      | 260          |
| Calhoun.....             | 205    | 49,850       |
| Citrus.....              | 499    | 49,900       |
| Clay.....                | 33     | 2,171        |
| Columbia.....            | 995    | 90,292       |
| Dade.....                | 78     | 9,405        |
| De Soto.....             | 110    | 7,060        |
| Duval.....               | 202    | 17,260       |
| Escambia.....            | 413    | 53,100       |
| Franklin.....            | .....  | .....        |
| Gadsden.....             | 533    | 43,730       |
| Hamilton.....            | 943    | 79,951       |
| Hernando.....            | 221    | 22,070       |
| Hillsborough.....        | 280    | 38,450       |
| Holmes.....              | 251    | 16,132       |
| Jackson.....             | 1,146  | 85,950       |
| Jefferson.....           | 1,372  | 99,649       |
| Lafayette.....           | 314    | 9,637        |
| Lake.....                | 196    | 21,600       |
| Lee.....                 | 75     | 9,935        |
| Leon.....                | 830    | 80,930       |
| Levy.....                | 352    | 45,525       |
| Liberty.....             | 64     | 6,365        |
| Madison.....             | 914    | 154,460      |
| Manatee.....             | 34     | 3,645        |
| Marion.....              | 768    | 58,322       |
| Monroe.....              | .....  | .....        |
| Nassau.....              | 40     | 2,655        |
| Orange.....              | 338    | 37,905       |
| Osceola.....             | 31     | 1,370        |
| Pasco.....               | 330    | 35,205       |
| Polk.....                | 474    | 51,135       |
| Putnam.....              | 26     | 3,030        |
| St. Johns.....           | 137    | 15,525       |
| Santa Rosa.....          | 59     | 4,305        |
| Sumter.....              | 261    | 30,675       |
| Suwannee.....            | 1,276  | 105,870      |
| Taylor.....              | 343    | 22,221       |
| Volusia.....             | 246    | 54,575       |
| Wakulla.....             | 125    | 7,810        |
| Walton.....              | 347    | 27,967       |
| Washington.....          | 899    | 124,510      |
| Total.....               | 17,539 | \$ 1,682,112 |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | ASSES  |          |
|--------------------------|--------|----------|
|                          | Number | Value    |
| Alachua.....             | 1      | \$ 1,000 |
| Baker.....               |        |          |
| Bradford.....            |        |          |
| Brevard.....             |        |          |
| Calhoun.....             |        |          |
| Citrus.....              |        |          |
| Clay.....                | 2      | 20       |
| Columbia.....            | 1      | 75       |
| Dade.....                |        |          |
| De Soto.....             | 4      | 170      |
| Duval.....               |        |          |
| Escambia.....            |        |          |
| Franklin.....            |        |          |
| Gadsden.....             |        |          |
| Hamilton.....            |        |          |
| Hernando.....            |        |          |
| Hillsborough.....        |        |          |
| Holmes.....              |        |          |
| Jackson.....             | 2      | 350      |
| Jefferson.....           | 80     | 1,267    |
| Lafayette.....           |        |          |
| Lake.....                |        |          |
| Lee.....                 |        |          |
| Leon.....                | 13     | 280      |
| Levy.....                |        |          |
| Liberty.....             | 2      | 20       |
| Madison.....             |        |          |
| Manatee.....             |        |          |
| Marion.....              |        |          |
| Monroe.....              |        |          |
| Nassau.....              |        |          |
| Orange.....              | 17     | 180      |
| Osceola.....             |        |          |
| Pasco.....               | 4      | 230      |
| Polk.....                | 1      | 100      |
| Putnam.....              |        |          |
| St. Johns.....           | 3      | 500      |
| Santa Rosa.....          |        |          |
| Sumter.....              |        |          |
| Suwannee.....            |        |          |
| Taylor.....              |        |          |
| Volusia.....             |        |          |
| Wakulla.....             | 1      | 35       |
| Walton.....              | 4      | 400      |
| Washington.....          |        |          |
| Total.....               | 55     | \$ 4,627 |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | STOCK CATTLE |              |
|--------------------------|--------------|--------------|
|                          | Number       | Value        |
| Alachua.....             | 25,996       | \$ 187,799   |
| <b>Baker</b> .....       | 5,877        | 30,485       |
| Bradford.....            | 13,235       | 105,787      |
| Brevard.....             | 9,321        | 40,150       |
| Calhoun.....             | 6,454        | 41,198       |
| Citrus.....              | 9,580        | 50,730       |
| Clay.....                | 7,971        | 41,648       |
| Columbia.....            | 10,603       | 65,555       |
| Dade.....                | 1,626        | 22,840       |
| De Soto.....             | 133,783      | 1,074,666    |
| Duval.....               | 7,354        | 50,909       |
| Escambia.....            | 12,852       | 128,520      |
| Franklin.....            | 1,935        | 9,675        |
| Gadsden.....             | 6,150        | 30,750       |
| Hamilton.....            | 11,170       | 55,380       |
| Hernando.....            | 4,400        | 27,060       |
| Hillsborough.....        | 21,790       | 179,676      |
| Holmes.....              | 3,981        | 19,617       |
| Jackson.....             | 9,075        | 45,375       |
| Jefferson.....           | 3,861        | 27,382       |
| Lafayette.....           | 7,724        | 60,208       |
| Lake.....                | 7,400        | 65,505       |
| Lee.....                 | 12,685       | 39,135       |
| Leon.....                | 6,188        | 46,562       |
| Levy.....                | 13,444       | 88,904       |
| Liberty.....             | 2,499        | 20,195       |
| Madison.....             | 4,632        | 29,908       |
| Manatee.....             | 12,038       | 60,190       |
| Marion.....              | 14,948       | 71,264       |
| Monroe.....              |              |              |
| Nassau.....              | 8,826        | 57,977       |
| Orange.....              | 21,613       | 165,236      |
| Osceola.....             | 29,716       | 118,081      |
| Pasco.....               | 17,077       | 150,770      |
| Polk.....                | 53,597       | 360,363      |
| Putnam.....              | 4,880        | 32,218       |
| St. Johns.....           | 16,304       | 152,479      |
| Santa Rosa.....          | 6,578        | 37,792       |
| Sumter.....              | 21,117       | 142,560      |
| Suwannee.....            | 10,812       | 57,099       |
| Taylor.....              | 13,162       | 63,407       |
| Volusia.....             | 14,090       | 106,891      |
| Wakulla.....             | 4,123        | 20,645       |
| Walton.....              | 10,872       | 72,797       |
| Washington.....          | 8,895        | 45,405       |
| Total.....               | 635,234      | \$ 4,300,893 |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | SHEEP          |                   |
|--------------------------|----------------|-------------------|
|                          | Number         | Value             |
| Alachua.....             | 1,600          | \$ 3,200          |
| Baker.....               | 500            | 750               |
| Bradford.....            |                |                   |
| Brevard.....             |                |                   |
| Calhoun.....             | 4,532          | 8,964             |
| Citrus.....              | 2,930          | 5,250             |
| Clay.....                | 1,009          | 1,054             |
| Columbia.....            | 606            | 1,165             |
| Dade.....                |                |                   |
| De Soto.....             | 7,905          | 15,860            |
| Duval.....               | 724            | 1,271             |
| Escambia.....            | 6,945          | 14,140            |
| Franklin.....            |                |                   |
| Gadsden.....             | 507            | 507               |
| Hamilton.....            | 541            | 541               |
| Hernando.....            | 760            | 1,330             |
| Hillsborough.....        | 3,173          | 6,175             |
| Holmes.....              | 6,956          | 9,269             |
| Jackson.....             | 5,175          | 6,350             |
| Jefferson.....           | 170            | 320               |
| Lafayette.....           | 10             | 10                |
| Lake.....                | 350            | 1,100             |
| Lee.....                 |                |                   |
| Leon.....                | 402            | 923               |
| Levy.....                | 438            | 466               |
| Liberty.....             | 1,767          | 3,354             |
| Madison.....             | 100            | 100               |
| Manatee.....             | 870            | 870               |
| Marion.....              | 5,397          | 6,300             |
| Monroe.....              |                |                   |
| Nassau.....              | 3,002          | 4,335             |
| Orange.....              | 1,015          | 2,145             |
| Osceola.....             | 8,050          | 8,050             |
| Pasco.....               | 4,543          | 9,420             |
| Polk.....                | 3,150          | 8,560             |
| Putnam.....              |                |                   |
| St. Johns.....           | 508            | 1,270             |
| Santa Rosa.....          | 15,662         | 18,475            |
| Sumter.....              | 1,303          | 1,798             |
| Suwannee.....            |                |                   |
| Taylor.....              | 100            | 125               |
| Volusia.....             | 1,090          | 1,560             |
| Wakulla.....             | 69             | 69                |
| Walton.....              | 20,425         | 37,259            |
| Washington.....          | 9,158          | 13,941            |
| <b>Total.....</b>        | <b>121,443</b> | <b>\$ 196,277</b> |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | GOATS  |           |
|--------------------------|--------|-----------|
|                          | Number | Value     |
| Alachua.....             | 260    | \$ 340    |
| Baker.....               | 1,101  | 554       |
| Bradford.....            | 2,584  | 1,295     |
| Brevard.....             |        |           |
| Calhoun.....             | 797    | 415       |
| Citrus.....              | 2,250  | 3,180     |
| Clay.....                | 445    | 280       |
| Columbia.....            | 498    | 254       |
| Dade.....                |        |           |
| De Soto.....             | 4,457  | 4,457     |
| Duval.....               | 221    | 261       |
| Escambia.....            | 3,337  | 1,691     |
| Franklin.....            |        |           |
| Gadsden.....             | 847    | 421       |
| Hamilton.....            | 496    | 496       |
| Hernando.....            | 645    | 720       |
| Hillsborough.....        | 985    | 1,035     |
| Holmes.....              | 477    | 221       |
| Jackson.....             | 345    | 690       |
| Jefferson.....           | 548    | 291       |
| Lafayette.....           | 259    | 239       |
| Lake.....                | 20     | 60        |
| Lee.....                 |        |           |
| Leon.....                | 764    | 458       |
| Levy.....                | 262    | 162       |
| Liberty.....             | 263    | 172       |
| Madison.....             | 272    | 255       |
| Manatee.....             |        |           |
| Marion.....              | 975    | 508       |
| Monroe.....              |        |           |
| Nassau.....              | 126    | 225       |
| Orange.....              | 3      | 10        |
| Osceola.....             | 75     | 75        |
| Pasco.....               | 767    | 1,109     |
| Polk.....                | 565    | 734       |
| Putnam.....              |        |           |
| St. Johns.....           | 182    | 183       |
| Santa Rosa.....          | 419    | 212       |
| Sumter.....              | 1,447  | 1,033     |
| Suwannee.....            |        |           |
| Taylor.....              | 788    | 397       |
| Volusia.....             | 10     | 15        |
| Wakulla.....             | 211    | 107       |
| Walton.....              | 440    | 241       |
| Washington.....          | 705    | 965       |
| Total.....               | 28,846 | \$ 23,761 |

TABLE NO. 4. LIVE STOCK—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | HOGS    |            |
|--------------------------|---------|------------|
|                          | Number  | Value      |
| Alachua.....             | 13,159  | \$ 21,413  |
| Baker.....               | 3,493   | 3,493      |
| Bradford.....            | 5,899   | 5,899      |
| Brevard.....             | 1,490   | 3,775      |
| Calhoun.....             | 5,997   | 17,131     |
| Citrus.....              | 14,310  | 14,310     |
| Clay.....                | 4,458   | 4,461      |
| Columbia.....            | 21,545  | 45,828     |
| Dade.....                |         |            |
| De Soto.....             | 26,785  | 26,785     |
| Duval.....               | 4,873   | 11,601     |
| Escambia.....            | 4,846   | 7,418      |
| Franklin.....            |         |            |
| Gadsden.....             | 6,825   | 27,767     |
| Hamilton.....            | 16,333  | 16,333     |
| Hernando.....            | 3,226   | 6,335      |
| Hillsborough.....        | 12,387  | 15,477     |
| Holmes.....              | 4,258   | 4,750      |
| Jackson.....             | 19,228  | 19,228     |
| Jefferson.....           | 15,437  | 36,092     |
| Lafayette.....           | 4,825   | 4,825      |
| Lake.....                | 6,291   | 12,543     |
| Lee.....                 | 1,265   | 2,765      |
| Leon.....                | 15,899  | 43,174     |
| Levy.....                | 13,741  | 16,278     |
| Liberty.....             | 4,422   | 7,768      |
| Madison.....             | 15,710  | 33,617     |
| Manatee.....             | 2,934   | 2,934      |
| Marion.....              | 9,566   | 9,566      |
| Monroe.....              |         |            |
| Nassau.....              | 3,329   | 5,050      |
| Orange.....              | 7,642   | 13,543     |
| Osceola.....             | 2,627   | 1,356      |
| Pasco.....               | 5,951   | 8,985      |
| Polk.....                | 14,315  | 14,315     |
| Putnam.....              | 2,683   | 3,445      |
| St. Johns.....           | 6,662   | 13,289     |
| Santa Rosa.....          | 1,359   | 6,679      |
| Sumter.....              | 15,845  | 16,963     |
| Suwannee.....            | 26,645  | 139,575    |
| Taylor.....              | 15,370  | 15,370     |
| Volusia.....             | 8,877   | 10,874     |
| Wakulla.....             | 3,449   | 3,449      |
| Walton.....              | 11,817  | 18,216     |
| Washington.....          | 5,998   | 7,194      |
| Total.....               | 391,771 | \$ 699,868 |

TABLE NO. 5. POULTRY—1902.

| NAMES<br>OF<br>COUNTIES. | CHICKENS  |            |
|--------------------------|-----------|------------|
|                          | Number    | Value      |
| Alachua.....             | 12,629    | \$ 2,808   |
| Baker.....               | 17,393    | 5,185      |
| Bradford.....            | 23,810    | 7,143      |
| Brevard.....             | 17,585    | 8,189      |
| Calhoun.....             | 30,535    | 7,463      |
| Citrus.....              | 13,735    | 3,345      |
| Clay.....                | 11,895    | 3,749      |
| Columbia.....            | 52,344    | 12,984     |
| Dade.....                | 935       | 379        |
| De Soto.....             | 35,492    | 15,933     |
| Duval.....               | 23,670    | 8,223      |
| Escambia.....            | 75,700    | 19,075     |
| Franklin.....            |           |            |
| Gadsden.....             | 78,294    | 19,573     |
| Hamilton.....            | 30,156    | 7,453      |
| Hernando.....            | 5,783     | 1,537      |
| Hillsborough.....        | 57,512    | 23,600     |
| Holmes.....              | 17,289    | 4,324      |
| Jackson.....             | 20,160    | 4,032      |
| Jefferson.....           | 40,530    | 8,124      |
| Lafayette.....           | 15,649    | 4,237      |
| Lake.....                | 60,296    | 14,854     |
| Lee.....                 | 6,905     | 2,816      |
| Leon.....                | 48,335    | 12,588     |
| Levy.....                | 42,478    | 14,329     |
| Liberty.....             | 8,521     | 2,263      |
| Madison.....             | 14,221    | 1,951      |
| Manatee.....             | 3,680     | 743        |
| Marion.....              | 48,298    | 13,652     |
| Monroe.....              |           |            |
| Nassau.....              | 1,710     | 791        |
| Orange.....              | 48,660    | 22,650     |
| Osceola.....             | 4,195     | 994        |
| Pasco.....               | 12,480    | 3,750      |
| Polk.....                | 30,334    | 40,610     |
| Putnam.....              | 14,299    | 3,943      |
| St. Johns.....           | 30,725    | 12,318     |
| Santa Rosa.....          | 23,024    | 7,202      |
| Sumter.....              | 28,125    | 8,055      |
| Suwannee.....            | 128,446   | 38,203     |
| Taylor.....              | 4,751     | 1,217      |
| Volusia.....             | 33,136    | 14,167     |
| Wakulla.....             | 7,280     | 1,852      |
| Walton.....              | 26,139    | 6,091      |
| Washington.....          | 11,885    | 2,850      |
| Total.....               | 1,224,028 | \$ 365,251 |

TABLE NO. 5. POULTRY—1902.—Continued.

| NAMES<br>OF<br>COUNTIES. | DUCKS  |          |
|--------------------------|--------|----------|
|                          | Number | Value    |
| Alachua.....             | 305    | \$ 149   |
| Baker.....               | 791    | 317      |
| Bradford.....            |        |          |
| Brevard.....             |        |          |
| Calhoun.....             |        |          |
| Citrus.....              | 30     | 40       |
| Clay.....                | 52     | 22       |
| Columbia.....            | 66     | 33       |
| Dade.....                | 20     | 18       |
| De Soto.....             | 935    | 852      |
| Duval.....               |        |          |
| Escambia.....            | 400    | 198      |
| Franklin.....            |        |          |
| Gadsden.....             | 85     | 43       |
| Hamilton.....            | 583    | 157      |
| Hernando.....            |        |          |
| Hillsborough.....        | 242    | 197      |
| Holmes.....              | 13     | 2        |
| Jackson.....             | 490    | 98       |
| Jefferson.....           | 107    | 40       |
| Lafayette.....           | 132    | 66       |
| Lake.....                | 55     | 40       |
| Lee.....                 |        |          |
| Leon.....                | 190    | 111      |
| Levy.....                | 55     | 32       |
| Liberty.....             | 32     | 16       |
| Madison.....             | 3      | 1        |
| Manatee.....             | 82     | 34       |
| Marion.....              | 223    | 103      |
| Monroe.....              |        |          |
| Nassau.....              | 196    | 110      |
| Orange.....              | 143    | 102      |
| Osceola.....             | 60     | 15       |
| Pasco.....               | 348    | 174      |
| Polk.....                | 39     | 19       |
| Putnam.....              |        |          |
| St. Johns.....           | 86     | 44       |
| Santa Rosa.....          |        |          |
| Sumpter.....             | 180    | 153      |
| Suwannee.....            |        |          |
| Taylor.....              |        |          |
| Volusia.....             | 443    | 176      |
| Wakulla.....             | 48     | 18       |
| Walton.....              | 572    | 177      |
| Washington.....          |        |          |
| Total.....               | 6,606  | \$ 3,557 |

TABLE NO. 5. POULTRY—1902.—Continued.

| Counties.         | GEESSE |           |
|-------------------|--------|-----------|
|                   | Number | Value     |
| Alachua.....      | 245    | \$ 174    |
| Baker.....        | 3,820  | 1,910     |
| Bradford.....     | 3,624  | 1,812     |
| Brevard.....      |        |           |
| Calhoun.....      | 15     | 7         |
| Citrus.....       | 120    | 150       |
| Clay.....         | 200    | 130       |
| Columbia.....     | 766    | 375       |
| Dade.....         |        |           |
| De Soto.....      | 1,624  | 1,624     |
| Duval.....        |        |           |
| Escambia.....     | 230    | 114       |
| Franklin.....     |        |           |
| Gadsden.....      | 108    | 52        |
| Hamilton.....     | 1,014  | 516       |
| Hernando.....     |        |           |
| Hillsborough..... | 212    | 139       |
| Holmes.....       | 238    | 118       |
| Jackson.....      | 254    | 127       |
| Jefferson.....    | 182    | 87        |
| Lafayette.....    | 1,859  | 927       |
| Lake.....         | 9      | 9         |
| Lee.....          |        |           |
| Leon.....         | 176    | 121       |
| Levy.....         | 460    | 244       |
| Liberty.....      | 39     | 30        |
| Madison.....      | 73     | 36        |
| Manatee.....      | 120    | 39        |
| Marion.....       | 200    | 150       |
| Monroe.....       |        |           |
| Nassau.....       | 63     | 55        |
| Orange.....       | 35     | 35        |
| Osceola.....      |        |           |
| Pasco.....        | 398    | 394       |
| Polk.....         | 151    | 79        |
| Putnam.....       |        |           |
| St. Johns.....    | 48     | 33        |
| Santa Rosa.....   | 6      | 3         |
| Sumter.....       | 401    | 361       |
| Suwannee.....     | 32     | 30        |
| Taylor.....       |        |           |
| Volusia.....      | 41     | 43        |
| Wakulla.....      | 133    | 67        |
| Walton.....       | 856    | 696       |
| Washington.....   | 37     | 18        |
| Total.....        | 16,789 | \$ 10,605 |

TABLE NO. 5. POULTRY—1902.—Continued.

| Counties.         | TURKEYS |           |
|-------------------|---------|-----------|
|                   | Number  | Value     |
| Alachua.....      | 1,368   | \$ 954    |
| Baker.....        | 1,248   | 939       |
| Bradford.....     |         |           |
| Brevard.....      | 20      | 30        |
| Calhoun.....      | 40      | 35        |
| Citrus.....       | 480     | 670       |
| Clay.....         | 900     | 568       |
| Columbia.....     | 609     | 580       |
| Dade.....         | 15      | 15        |
| De Soto.....      | 2,619   | 2,619     |
| Duval.....        |         |           |
| Escambia.....     | 345     | 345       |
| Franklin.....     |         |           |
| Gadsden.....      | 362     | 268       |
| Hamilton.....     | 323     | 323       |
| Hernando.....     | 74      | 77        |
| Hillsborough..... | 395     | 572       |
| Holmes.....       | 14      | 11        |
| Jackson.....      | 1,046   | 523       |
| Jefferson.....    | 929     | 759       |
| Lafayette.....    | 1,894   | 1,894     |
| Lake.....         | 567     | 567       |
| Lee.....          | 120     | 108       |
| Leon.....         | 3,091   | 3,031     |
| Levy.....         | 489     | 425       |
| Liberty.....      | 42      | 38        |
| Madison.....      | 105     | 66        |
| Manatee.....      | 61      | 61        |
| Marion.....       | 600     | 400       |
| Monroe.....       |         |           |
| Nassau.....       | 6       | 10        |
| Orange.....       | 791     | 946       |
| Osceola.....      | 20      | 20        |
| Pasco.....        | 1,587   | 1,587     |
| Polk.....         | 464     | 464       |
| Putnam.....       | 8       | 5         |
| St. Johns.....    | 246     | 246       |
| Santa Rosa.....   | 47      | 45        |
| Sumter.....       | 522     | 530       |
| Suwannee.....     |         |           |
| Taylor.....       |         |           |
| Volusia.....      | 368     | 513       |
| Wakulla.....      | 101     | 101       |
| Walton.....       | 689     | 584       |
| Washington.....   | 22      | 18        |
| Total.....        | 22,627  | \$ 20,947 |

TABLE NO. 5. POULTRY—1902.—Continued.

| Counties.         | EGGS<br>Sold and Used |            |
|-------------------|-----------------------|------------|
|                   | Doz.                  | Value      |
| Alachua.....      | 25,160                | \$ 5,076   |
| Baker.....        | 36,535                | 3,656      |
| Bradford.....     | 23,810                | 3,431      |
| Brevard.....      | 279,560               | 29,785     |
| Calhoun.....      | 20,537                | 2,142      |
| Citrus.....       | 85,440                | 16,152     |
| Clay.....         | 16,786                | 3,464      |
| Columbia.....     | 113,748               | 13,217     |
| Dade.....         | 694                   | 381        |
| De Soto.....      | 90,675                | 18,411     |
| Duval.....        | 61,027                | 11,946     |
| Escambia.....     | 107,400               | 16,140     |
| Franklin.....     |                       |            |
| Gadsden.....      | 91,690                | 9,169      |
| Hamilton.....     | 25,912                | 4,322      |
| Hernando.....     | 12,010                | 2,396      |
| Hillsborough..... | 160,619               | 30,930     |
| Holmes.....       | 38,416                | 5,658      |
| Jackson.....      | 40,320                | 8,064      |
| Jefferson.....    | 110,882               | 11,394     |
| Lafayette.....    |                       |            |
| Lake.....         | 59,794                | 9,069      |
| Lee.....          | 1,440                 | 910        |
| Leon.....         | 68,874                | 8,790      |
| Levy.....         | 67,455                | 11,425     |
| Liberty.....      | 26,645                | 3,095      |
| Madison.....      | 3,890                 | 389        |
| Manatee.....      | 7,976                 | 1,376      |
| Marion.....       | 104,640               | 16,213     |
| Monroe.....       |                       |            |
| Nassau.....       |                       |            |
| Orange.....       | 184,501               | 40,091     |
| Osceola.....      | 2,935                 | 592        |
| Pasco.....        | 124,800               | 12,480     |
| Polk.....         | 255,000               | 38,250     |
| Putnam.....       | 20,167                | 1,986      |
| St. Johns.....    | 12,924                | 3,402      |
| Santa Rosa.....   | 30,383                | 4,708      |
| Sumter.....       | 72,941                | 13,079     |
| Suwannee.....     | 795,975               | 139,295    |
| Taylor.....       | 837                   | 495        |
| Volusia.....      | 94,624                | 23,493     |
| Wakulla.....      | 41,160                | 4,116      |
| Walton.....       | 90,530                | 12,133     |
| Washington.....   | 9,016                 | 1,340      |
| Total.....        | 3,417,688             | \$ 542,621 |

TABLE NO. 6. DAIRY PRODUCTS—1902.

| Counties.         | MILK COWS     |                   |
|-------------------|---------------|-------------------|
|                   | Number        | Value             |
| Alachua.....      | 126           | \$ 3,775          |
| Baker.....        | 862           | 8,665             |
| Bradford.....     |               |                   |
| Brevard.....      | 159           | 5,535             |
| Calhoun.....      | 60            | 1,445             |
| Citrus.....       | 433           | 6,750             |
| Clay.....         | 630           | 3,319             |
| Columbia.....     | 2,180         | 31,611            |
| Dade.....         | 16            | 865               |
| De Soto.....      | 817           | 20,260            |
| Duval.....        | 3,311         | 30,042            |
| Escambia.....     | 491           | 13,740            |
| Franklin.....     |               |                   |
| Gadsden.....      | 938           | 20,795            |
| Hamilton.....     | 562           | 12,232            |
| Hernando.....     | 357           | 7,330             |
| Hillsborough..... | 1,359         | 40,162            |
| Holmes.....       | 704           | 7,152             |
| Jackson.....      | 2,087         | 20,370            |
| Jefferson.....    | 1,575         | 20,374            |
| Lafayette.....    | 7             | 250               |
| Lake.....         | 483           | 15,535            |
| Lee.....          | 11            | 710               |
| Leon.....         | 4,280         | 68,113            |
| Levy.....         | 2,148         | 18,499            |
| Liberty.....      | 269           | 2,383             |
| Madison.....      | 807           | 9,567             |
| Manatee.....      |               |                   |
| Marion.....       | 2,510         | 40,943            |
| Monroe.....       |               |                   |
| Nassau.....       |               |                   |
| Orange.....       | 1,110         | 35,560            |
| Osceola.....      | 408           | 4,915             |
| Pasco.....        | 120           | 5,420             |
| Polk.....         | 449           | 17,446            |
| Putnam.....       | 285           | 4,055             |
| St. Johns.....    | 344           | 15,170            |
| Santa Rosa.....   | 730           | 12,381            |
| Sumter.....       | 60            | 2,165             |
| Suwannee.....     | 6,546         | 97,955            |
| Taylor.....       | 4             | 95                |
| Volusia.....      | 389           | 14,735            |
| Wakulla.....      | 2             | 35                |
| Walton.....       | 1,367         | 25,725            |
| Washington.....   | 3             | 95                |
| <b>Total.....</b> | <b>38,999</b> | <b>\$ 647,164</b> |

TABLE NO. 6. DAIRY PRODUCTS—1902—Continued.

| Counties.         | MILK<br>Sold and Used |              |
|-------------------|-----------------------|--------------|
|                   | Gallons               | Value        |
| Alachua.....      | 36,250                | \$ 9,530     |
| Baker.....        | 65,100                | 26,040       |
| Bradford.....     |                       |              |
| Brevard.....      | 40,115                | 11,105       |
| Calhoun.....      | 17,610                | 6,996        |
| Citrus.....       | 78,000                | 16,950       |
| Clay.....         | 3,485                 | 1,363        |
| Columbia.....     | 189,924               | 39,044       |
| Dade.....         |                       |              |
| De Soto.....      | 100,520               | 39,745       |
| Duval.....        | 271,731               | 54,810       |
| Escambia.....     | 94,000                | 31,765       |
| Franklin.....     |                       |              |
| Gadsden.....      | 138,160               | 27,632       |
| Hamilton.....     | 36,420                | 12,700       |
| Hernando.....     | 40,740                | 8,142        |
| Hillsborough..... | 170,196               | 51,334       |
| Holmes.....       | 80,080                | 35,347       |
| Jackson.....      | 208,700               | 83,480       |
| Jefferson.....    | 158,032               | 13,748       |
| Lafayette.....    |                       |              |
| Lake.....         | 100,100               | 20,290       |
| Lee.....          | 11                    | 640          |
| Leon.....         | 473,292               | 67,124       |
| Levy.....         | 98,445                | 18,446       |
| Liberty.....      | 16,928                | 2,607        |
| Madison.....      |                       |              |
| Manatee.....      |                       |              |
| Marion.....       | 265,400               | 59,577       |
| Monroe.....       |                       |              |
| Nassau.....       |                       |              |
| Orange.....       | 33,766                | 80,070       |
| Osceola.....      | 26,650                | 7,445        |
| Pasco.....        | 28,700                | 8,615        |
| Polk.....         | 181,845               | 54,553       |
| Putnam.....       | 3,865                 | 141          |
| St. Johns.....    | 77,995                | 23,400       |
| Santa Rosa.....   | 76,910                | 20,534       |
| Sumter.....       | 35,195                | 9,625        |
| Suwannee.....     | 601,680               | 160,090      |
| Taylor.....       | 40                    | 6            |
| Volusia.....      | 106,202               | 27,158       |
| Wakulla.....      |                       |              |
| Walton.....       | 161,315               | 39,007       |
| Washington.....   | 400                   | 80           |
| Total.....        | 4,317,821             | \$ 1,069,139 |

TABLE NO. 6. DAIRY PRODUCTS—1902—Continued.

| Counties.         | BUTTER<br>Sold and Used |            |
|-------------------|-------------------------|------------|
|                   | Lbs.                    | Value      |
| Alachua.....      | 5,330                   | \$ 1,622   |
| Baker.....        | 7,230                   | 2,129      |
| Bradford.....     |                         |            |
| Brevard.....      | 160                     | 32         |
| Calhoun.....      | 3,825                   | 765        |
| Citrus.....       | 13,600                  | 9,283      |
| Clay.....         | 662                     | 180        |
| Columbia.....     | 47,159                  | 11,603     |
| Dade.....         |                         |            |
| De Soto.....      | 25,589                  | 7,569      |
| Duval.....        | 2,447                   | 491        |
| Escambia.....     | 44,600                  | 10,310     |
| Franklin.....     |                         |            |
| Gadsden.....      | 23,161                  | 5,790      |
| Hamilton.....     | 13,060                  | 3,280      |
| Hernando.....     | 7,490                   | 1,908      |
| Hillsborough..... | 14,491                  | 3,728      |
| Holmes.....       | 9,460                   | 2,243      |
| Jackson.....      | 20,870                  | 4,174      |
| Jefferson.....    | 32,453                  | 7,082      |
| Lafayette.....    |                         |            |
| Lake.....         | 58,300                  | 14,576     |
| Lee.....          | 10                      | 3          |
| Leon.....         | 115,748                 | 30,262     |
| Levy.....         | 13,391                  | 3,695      |
| Liberty.....      | 4,502                   | 1,122      |
| Madison.....      | 200                     | 50         |
| Manatee.....      |                         |            |
| Marion.....       | 99,265                  | 21,165     |
| Monroe.....       |                         |            |
| Nassau.....       |                         |            |
| Orange.....       | 57,989                  | 16,549     |
| Osceola.....      | 2,976                   | 712        |
| Pasco.....        | 9,520                   | 2,381      |
| Polk.....         |                         |            |
| Putnam.....       | 440                     | 117        |
| St. Johns.....    | 6,900                   | 1,795      |
| Santa Rosa.....   | 14,781                  | 3,696      |
| Sumter.....       | 13,538                  | 3,588      |
| Suwannee.....     | 91,508                  | 27,504     |
| Taylor.....       | 30                      | 7          |
| Volusia.....      | 1,303                   | 483        |
| Wakulla.....      |                         |            |
| Walton.....       | 34,057                  | 7,920      |
| Washington.....   | 200                     | 50         |
| Total.....        | 796,155                 | \$ 207,764 |

TABLE NO. 6. DAIRY PRODUCTS—1902—Continued.

| Counties.         | CHEESE<br>Sold and Used |          |
|-------------------|-------------------------|----------|
|                   | Lbs                     | Value    |
| Alachua.....      |                         | \$ ..... |
| Baker.....        |                         | .....    |
| Bradford.....     |                         | .....    |
| Brevard.....      |                         | .....    |
| Calhoun.....      |                         | .....    |
| Citrus.....       |                         | .....    |
| Clay.....         |                         | .....    |
| Columbia.....     |                         | .....    |
| Dade.....         |                         | .....    |
| De Soto.....      |                         | .....    |
| Duval.....        |                         | .....    |
| Escambia.....     |                         | .....    |
| Franklin.....     |                         | .....    |
| Gadsden.....      |                         | .....    |
| Hamilton.....     |                         | .....    |
| Hernando.....     |                         | .....    |
| Hillsborough..... |                         | .....    |
| Holmes.....       |                         | .....    |
| Jackson.....      |                         | .....    |
| Jefferson.....    |                         | .....    |
| Lafayette.....    |                         | .....    |
| Lake.....         |                         | .....    |
| Lee.....          |                         | .....    |
| Leon.....         | 50                      | 15       |
| Levy.....         |                         | .....    |
| Liberty.....      |                         | .....    |
| Madison.....      |                         | .....    |
| Manatee.....      |                         | .....    |
| Marion.....       |                         | .....    |
| Monroe.....       |                         | .....    |
| Nassau.....       |                         | .....    |
| Orange.....       |                         | .....    |
| Osceola.....      |                         | .....    |
| Pasco.....        | 1,200                   | 240      |
| Polk.....         |                         | .....    |
| Putnam.....       |                         | .....    |
| St. Johns.....    |                         | .....    |
| Santa Rosa.....   |                         | .....    |
| Sumter.....       |                         | .....    |
| Suwannee.....     |                         | .....    |
| Taylor.....       |                         | .....    |
| Volusia.....      |                         | .....    |
| Wakulla.....      |                         | .....    |
| Walton.....       |                         | .....    |
| Washington.....   |                         | .....    |
| Total.....        | 1,250                   | \$ 255   |

TABLE NO. 7. MISCELLANEOUS PRODUCTS—1902.

| Counties.         | MOSS  |           |
|-------------------|-------|-----------|
|                   | Tons  | Value     |
| Alachua.....      |       | \$ .....  |
| Baker.....        |       | .....     |
| Bradford.....     |       | .....     |
| Brevard.....      |       | .....     |
| Calhoun.....      |       | .....     |
| Citrus.....       |       | .....     |
| Clay.....         |       | .....     |
| Columbia.....     |       | .....     |
| Dade.....         |       | .....     |
| De Soto.....      |       | .....     |
| Duval.....        |       | .....     |
| Escambia.....     |       | .....     |
| Franklin.....     |       | .....     |
| Gadsden.....      |       | .....     |
| Hamilton.....     |       | .....     |
| Hernando.....     |       | .....     |
| Hillsborough..... | 5     | 300       |
| Holmes.....       |       | .....     |
| Jackson.....      |       | .....     |
| Jefferson.....    |       | .....     |
| Lafayette.....    |       | .....     |
| Lake.....         |       | .....     |
| Lee.....          |       | .....     |
| Leon.....         | 400   | 2,800     |
| Levy.....         |       | .....     |
| Liberty.....      |       | .....     |
| Madison.....      |       | .....     |
| Manatee.....      |       | .....     |
| Marion.....       | 700   | 14,000    |
| Monroe.....       |       | .....     |
| Nassau.....       |       | .....     |
| Orange.....       |       | .....     |
| Osceola.....      |       | .....     |
| Pasco.....        |       | .....     |
| Polk.....         |       | .....     |
| Putnam.....       | 40    | 208       |
| St. Johns.....    | 6     | 360       |
| Santa Rosa.....   |       | .....     |
| Sumter.....       | 1     | 7         |
| Suwannee.....     |       | .....     |
| Taylor.....       |       | .....     |
| Volusia.....      |       | .....     |
| Wakulla.....      |       | .....     |
| Walton.....       |       | .....     |
| Washington.....   |       | .....     |
| Ttoal.....        | 1,152 | \$ 17,675 |

TABLE NO. 7. MISCELLANEOUS PRODUCTS—1902.  
Continued.

| Counties.         | HONEY         |         |         |
|-------------------|---------------|---------|---------|
|                   | St'ds of Bees | Lbs.    | Value   |
| Alachua.....      |               |         | \$..... |
| Baker.....        | 193           | 4,800   | 480     |
| Bradford.....     |               |         |         |
| Brevard.....      | 515           | 52,200  | 3,160   |
| Calhoun.....      | 2,823         | 231,420 | 11,443  |
| Citrus.....       |               |         |         |
| Clay.....         | 16            | 130     | 15      |
| Columbia.....     | 655           | 11,605  | 1,213   |
| Dade.....         | 212           | 15,650  | 1,180   |
| De Soto.....      | 1,092         | 27,630  | 5,015   |
| Duval.....        | 107           | 1,215   | 135     |
| Escambia.....     | 1,115         | 12,950  | 12,095  |
| Franklin.....     |               |         |         |
| Gadsden.....      | 815           | 16,300  | 815     |
| Hamilton.....     | 90            | 1,500   | 150     |
| Hernando.....     |               |         |         |
| Hillsborough..... | 436           | 6,890   | 752     |
| Holmes.....       | 516           | 3,750   | 415     |
| Jackson.....      | 113           | 1,470   | 143     |
| Jefferson.....    |               |         |         |
| Larayette.....    |               |         |         |
| Lake.....         | 343           | 10,050  | 765     |
| Lee.....          |               |         |         |
| Leon.....         | 273           | 6,040   | 702     |
| Levy.....         | 246           | 1,579   | 390     |
| Liberty.....      | 1,737         | 33,153  | 2,263   |
| Madison.....      | 257           | 2,800   | 289     |
| Manatee.....      | 250           | 7,500   | 750     |
| Marion.....       |               |         |         |
| Monroe.....       |               |         |         |
| Nassau.....       |               |         |         |
| Orange.....       | 799           | 13,150  | 1,712   |
| Osceola.....      | 70            | 950     | 95      |
| Pasco.....        | 550           | 20,940  | 2,096   |
| Polk.....         |               |         |         |
| Putnam.....       | 10            | 150     | 12      |
| St. Johns.....    | 724           | 28,546  | 2,854   |
| Santa Rosa.....   | 119           | 1,290   | 109     |
| Sumter.....       | 70            | 2,530   | 270     |
| Suwannee.....     |               |         |         |
| Taylor.....       |               |         |         |
| Volusia.....      | 1,607         | 50,592  | 3,060   |
| Wakulla.....      | 917           | 17,410  | 814     |
| Walton.....       | 1,372         | 18,300  | 135     |
| Washington.....   | 110           | 3,000   | 150     |
| Total.....        | 18,152        | 605,490 | \$ 536  |

TABLE NO. 9—TOTAL ACREAGES.

|                                     |             |
|-------------------------------------|-------------|
| Field Crops .....                   | \$1,007,632 |
| Vegetable and Garden Products ..... | 24,658      |
| Total acreage in cultivation .....  | 1,032,290   |

TABLE NO. 10—TOTAL VALUE OF FARM PRODUCTS.

|                                                 |              |
|-------------------------------------------------|--------------|
| Table No. 1—Field Crops .....                   | \$11,555,013 |
| Table No. 2—Vegetable and garden products ..... | 2,678,088    |
| Table No. 3—Fruit Crops .....                   | 4,023,338    |
| Table No. 4—Live Stock .....                    | 10,435,162   |
| Table No. 5—Poultry .....                       | 942,971      |
| Table No. 6—Dairy Products .....                | 1,277,158    |
| Table No. 7—Miscellaneous Products .....        | 125,125      |
| Total .....                                     | \$31,036,855 |

TABLE NO. 8—TOTAL VALUE OF FARM PRODUCTS,  
BY COUNTIES—1902.

| Counties.         | Annual<br>Products | Live Stock<br>and Poultry | Total<br>Values |
|-------------------|--------------------|---------------------------|-----------------|
| Alachua.....      | 877,878            | 499,423                   | 1,377,301       |
| Baker.....        | 323,084            | 84,788                    | 407,872         |
| Bradford.....     | 507,464            | 251,911                   | 759,375         |
| Brevard.....      | 1,133,292          | 72,255                    | 1,205,547       |
| Calhoun.....      | 180,979            | 133,303                   | 314,282         |
| Citrus.....       | 371,370            | 194,625                   | 565,995         |
| Clay.....         | 127,971            | 78,777                    | 206,748         |
| Columbia.....     | 643,625            | 330,064                   | 973,689         |
| Dade.....         | 389,279            | 54,132                    | 443,411         |
| De Soto.....      | 1,488,197          | 1,290,216                 | 2,778,413       |
| Duval.....        | 168,202            | 161,424                   | 329,626         |
| Escambia.....     | 212,877            | 358,071                   | 570,948         |
| Franklin.....     | 4,467              | 9,675                     | 14,142          |
| Gadsden.....      | 848,319            | 273,741                   | 1,122,060       |
| Hamilton.....     | 687,851            | 259,757                   | 947,608         |
| Hernando.....     | 81,932             | 92,539                    | 174,471         |
| Hillsborough..... | 908,509            | 442,082                   | 1,350,591       |
| Holmes.....       | 190,738            | 8,290                     | 269,028         |
| Jackson.....      | 1,186,919          | 369,265                   | 1,556,184       |
| Jefferson.....    | 611,216            | 242,475                   | 853,691         |
| Lafayette.....    | 468,280            | 103,806                   | 572,086         |
| Lake.....         | 217,372            | 190,645                   | 408,017         |
| Lee.....          | 125,171            | 90,882                    | 216,053         |
| Leon.....         | 722,091            | 414,025                   | 1,136,116       |
| Levy.....         | 285,830            | 256,999                   | 542,829         |
| Liberty.....      | 80,643             | 60,855                    | 141,498         |
| Madison.....      | 628,761            | 292,191                   | 920,952         |
| Manatee.....      | 439,290            | 91,861                    | 531,151         |
| Marion.....       | 631,867            | 301,284                   | 933,151         |
| Monroe.....       |                    |                           |                 |
| Nassau.....       | 19,805             | 102,560                   | 122,365         |
| Orange.....       | 555,218            | 395,391                   | 950,609         |
| Osceola.....      | 66,371             | 152,849                   | 219,220         |
| Pasco.....        | 391,402            | 272,374                   | 663,776         |
| Polk.....         | 601,647            | 572,945                   | 1,174,592       |
| Putnam.....       | 88,569             | 78,216                    | 166,785         |
| St. Johns.....    | 365,958            | 283,957                   | 649,915         |
| Santa Rosa.....   | 117,094            | 113,824                   | 220,918         |
| Sumter.....       | 503,605            | 290,010                   | 793,615         |
| Suwannee.....     | 1,778,004          | 572,927                   | 2,350,931       |
| Taylor.....       | 260,472            | 140,887                   | 401,359         |
| Volusia.....      | 320,451            | 283,844                   | 604,295         |
| Wakulla.....      | 66,737             | 47,028                    | 113,765         |
| Walton.....       | 400,067            | 231,310                   | 631,377         |
| Washington.....   | 141,191            | 209,307                   | 350,498         |
| Total.....        | \$ 20,210,065      | \$ 10,826,790             | \$ 31,036,855   |

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# **Agricultural Statistics**

**For the Year 1903**

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# Agricultural Statistics

For the Year 1903

TABLE NO. 1. FIELD CROPS—1903.

| Counties.         | COTTON (Upland) |        |              |
|-------------------|-----------------|--------|--------------|
|                   | Acres           | Bales  | Value        |
| Alachua.....      | 87              | 16     | \$ 1,218     |
| Baker.....        |                 |        |              |
| Bradford.....     |                 |        |              |
| Brevard.....      |                 |        |              |
| Calhoun.....      | 2,500           | 1,011  | 54,143       |
| Citrus.....       |                 |        |              |
| Clay.....         |                 |        |              |
| Columbia.....     |                 |        |              |
| Dade.....         |                 |        |              |
| De Soto.....      |                 |        |              |
| Duval.....        | 25              | 25     | 1,156        |
| Escambia.....     | 1,486           | 677    | 36,710       |
| Franklin.....     |                 |        |              |
| Gadsden.....      | 2,927           | 1,037  | 45,694       |
| Hamilton.....     |                 |        |              |
| Hernando.....     |                 |        |              |
| Hillsborough..... |                 |        |              |
| Holmes.....       | 4,866           | 1,236  | 62,224       |
| Jackson.....      | 31,394          | 9,524  | 508,101      |
| Jefferson.....    | 24,549          | 5,744  | 292,071      |
| Lafayette.....    |                 |        |              |
| Lake.....         |                 |        |              |
| Lee.....          |                 |        |              |
| Leon.....         | 26,929          | 6,034  | 283,776      |
| Levy.....         |                 |        |              |
| Liberty.....      | 414             | 176    | 6,607        |
| Madison.....      | 3,981           | 1,072  | 46,485       |
| Manatee.....      |                 |        |              |
| Marion.....       | 21              | 6      | 350          |
| Monroe.....       |                 |        |              |
| Nassau.....       |                 |        |              |
| Orange.....       |                 |        |              |
| Osceola.....      |                 |        |              |
| Pasco.....        |                 |        |              |
| Polk.....         |                 |        |              |
| Putnam.....       |                 |        |              |
| St. Johns.....    |                 |        |              |
| Santa Rosa.....   | 1,421           | 485    | 24,382       |
| Sumter.....       |                 |        |              |
| Suwannee.....     |                 |        |              |
| Taylor.....       |                 |        |              |
| Volusia.....      |                 |        |              |
| Wakulla.....      | 191             | 58     | 2,847        |
| Walton.....       | 2,236           | 773    | 34,532       |
| Washington.....   | 2,867           | 852    | 40,060       |
| Total.....        | 106,894         | 27,895 | \$ 1,440,426 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| Counties.         | COTTON (Sea Island) |        |              |
|-------------------|---------------------|--------|--------------|
|                   | Acres               | Bales  | Value        |
| Alachua.....      | 12,540              | 2,908  | \$ 218,315   |
| Baker.....        | 4,918               | 1,384  | 88,019       |
| Bradford.....     | 7,299               | 2,082  | 147,770      |
| Brevard.....      | .....               | .....  | .....        |
| Calhoun.....      | 748                 | 263    | 16,049       |
| Citrus.....       | .....               | .....  | .....        |
| Clay.....         | 225                 | 62     | 4,513        |
| Columbia.....     | 21,100              | 3,855  | 293,146      |
| Dade.....         | .....               | .....  | .....        |
| De Soto.....      | .....               | .....  | .....        |
| Duval.....        | 34                  | 14     | 601          |
| Escambia.....     | .....               | .....  | .....        |
| Franklin.....     | .....               | .....  | .....        |
| Gadsden.....      | 501                 | 137    | 9,803        |
| Hamilton.....     | 27,358              | 5,671  | 347,140      |
| Hernando.....     | .....               | .....  | .....        |
| Hillsborough..... | .....               | .....  | .....        |
| Holmes.....       | 16                  | 7      | 188          |
| Jackson.....      | 720                 | 200    | 12,862       |
| Jefferson.....    | 927                 | 188    | 13,638       |
| Lafayette.....    | 3,073               | 895    | 62,170       |
| Lake.....         | 18                  | 7      | 526          |
| Lee.....          | .....               | .....  | .....        |
| Leon.....         | .....               | .....  | .....        |
| Levy.....         | 2,848               | 511    | 35,307       |
| Liberty.....      | .....               | .....  | .....        |
| Madison.....      | 22,037              | 4,190  | 334,837      |
| Manatee.....      | .....               | .....  | .....        |
| Marion.....       | 3,717               | 958    | 73,368       |
| Monroe.....       | .....               | .....  | .....        |
| Nassau.....       | .....               | .....  | .....        |
| Orange.....       | .....               | .....  | .....        |
| Osceola.....      | .....               | .....  | .....        |
| Pasco.....        | .....               | .....  | .....        |
| Polk.....         | .....               | .....  | .....        |
| Putnam.....       | 476                 | 140    | 7,152        |
| St. Johns.....    | .....               | .....  | .....        |
| Santa Rosa.....   | .....               | .....  | .....        |
| Sumter.....       | 313                 | 69     | 6,025        |
| Suwannee.....     | 27,024              | 5,226  | 421,020      |
| Taylor.....       | 2,488               | 589    | 51,076       |
| Volusia.....      | .....               | .....  | .....        |
| Wakulla.....      | .....               | .....  | .....        |
| Walton.....       | .....               | .....  | .....        |
| Washington.....   | 264                 | 49     | 4,925        |
| Total.....        | 138,644             | 29,405 | \$ 2,248,520 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| Counties.         | CORN    |           |              |
|-------------------|---------|-----------|--------------|
|                   | Acres   | Busheir   | Value        |
| Alachua.....      | 17,680  | 176,411   | \$ 124,078   |
| Baker.....        | 7,425   | 80,563    | 64,327       |
| Bradford.....     | 13,221  | 122,230   | 90,624       |
| Brevard.....      | 69      | 2,250     | 1,355        |
| Calhoun.....      | 7,752   | 85,297    | 85,379       |
| Citrus.....       | 353     | 40,150    | 33,330       |
| Clay.....         | 2,316   | 22,261    | 16,474       |
| Columbia.....     | 27,291  | 243,499   | 154,736      |
| Dade.....         |         |           |              |
| De Soto.....      | 4,426   | 48,750    | 48,873       |
| Duval.....        | 2,722   | 29,874    | 13,745       |
| Escambia.....     | 4,111   | 59,425    | 44,397       |
| Franklin.....     | 31      | 186       | 93           |
| Gadsden.....      | 18,422  | 218,456   | 174,764      |
| Hamilton.....     | 26,975  | 329,568   | 329,568      |
| Hernando.....     | 2,932   | 48,045    | 35,245       |
| Hillsborough..... | 4,001   | 40,678    | 23,064       |
| Holmes.....       | 10,146  | 84,790    | 62,959       |
| Jackson.....      | 53,352  | 488,095   | 351,091      |
| Jefferson.....    | 35,104  | 308,331   | 154,226      |
| Lafayette.....    | 11,104  | 110,572   | 106,340      |
| Lake.....         | 3,525   | 36,696    | 27,232       |
| Lee.....          | 90      | 2,100     | 2,110        |
| Leon.....         | 38,412  | 359,340   | 219,129      |
| Levy.....         | 7,557   | 68,027    | 49,242       |
| Liberty.....      | 3,514   | 36,288    | 25,539       |
| Madison.....      | 45,312  | 372,641   | 200,093      |
| Manatee.....      | 797     | 10,809    | 8,623        |
| Marion.....       | 27,185  | 258,280   | 125,255      |
| Monroe.....       |         |           |              |
| Nassau.....       | 2,365   | 34,920    | 16,990       |
| Orange.....       | 1,933   | 20,255    | 18,600       |
| Osceola.....      | 1,119   | 11,319    | 11,319       |
| Pasco.....        | 3,429   | 34,415    | 34,405       |
| Polk.....         | 7,634   | 75,633    | 75,633       |
| Putnam.....       | 3,539   | 34,860    | 25,216       |
| St. Johns.....    | 1,466   | 29,880    | 29,880       |
| Santa Rosa.....   | 4,039   | 47,793    | 37,931       |
| Sumter.....       | 6,245   | 64,404    | 52,547       |
| Suwannee.....     | 27,183  | 275,545   | 275,545      |
| Taylor.....       | 6,665   | 58,404    | 55,846       |
| Volusia.....      | 3,076   | 31,716    | 19,959       |
| Wakulla.....      | 8,283   | 62,435    | 46,823       |
| Walton.....       | 10,949  | 88,225    | 65,221       |
| Washington.....   | 9,809   | 84,404    | 63,330       |
| Total.....        | 473,579 | 4,637,820 | \$ 3,401,136 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| Counties.         | OATS   |         |            |
|-------------------|--------|---------|------------|
|                   | Acres  | Bushels | Value      |
| Alachua.....      | 2,000  | 21,760  | \$ 15,753  |
| Baker.....        | 936    | 9,915   | 4,956      |
| Bradford.....     | 2,740  | 15,025  | 15,010     |
| Brevard.....      |        |         |            |
| Calhoun.....      | 1,273  | 13,637  | 13,125     |
| Citrus.....       | 594    | 7,550   | 5,360      |
| Clay.....         | 202    | 2,408   | 2,676      |
| Columbia.....     | 4,597  | 42,961  | 29,361     |
| Dade.....         |        |         |            |
| De Soto.....      | 61     | 1,175   | 994        |
| Duval.....        | 47     | 608     | 317        |
| Escambia.....     | 399    | 8,920   | 4,400      |
| Franklin.....     |        |         |            |
| Gadsden.....      | 2,333  | 23,810  | 19,048     |
| Hamilton.....     | 1,238  | 11,665  | 11,665     |
| Hernando.....     | 622    | 14,130  | 7,095      |
| Hillsborough..... | 125    | 2,002   | 920        |
| Holmes.....       | 80     | 526     | 283        |
| Jackson.....      | 2,764  | 38,059  | 15,434     |
| Jefferson.....    | 1,670  | 16,549  | 10,460     |
| Lafayette.....    | 1,195  | 17,405  | 10,170     |
| Lake.....         | 642    | 6,319   | 2,925      |
| Lee.....          |        |         |            |
| Leon.....         | 2,720  | 38,099  | 29,066     |
| Levy.....         | 326    | 26,606  | 21,521     |
| Liberty.....      | 340    | 4,118   | 2,524      |
| Madison.....      | 2,539  | 26,310  | 15,181     |
| Manatee.....      | 16     | 680     | 376        |
| Marion.....       | 16,624 | 164,235 | 67,262     |
| Monroe.....       |        |         |            |
| Nassau.....       | 225    | 2,680   | 1,045      |
| Orange.....       | 63     | 428     | 309        |
| Osceola.....      | 8      | 60      | 60         |
| Pasco.....        | 1,145  | 51,395  | 25,920     |
| Polk.....         | 188    | 2,053   | 2,053      |
| Putnam.....       | 257    | 2,382   | 1,594      |
| St. Johns.....    | 94     | 1,823   | 911        |
| Santa Rosa.....   | 126    | 1,298   | 581        |
| Sumter.....       | 1,774  | 14,896  | 14,511     |
| Suwannee.....     | 2,242  | 20,696  | 20,696     |
| Taylor.....       | 294    | 2,878   | 2,669      |
| Volusia.....      | 472    | 4,195   | 2,616      |
| Wakulla.....      | 227    | 2,234   | 1,117      |
| Walton.....       | 486    | 4,145   | 2,375      |
| Washington.....   | 278    | 3,020   | 1,920      |
| Total.....        | 53,945 | 628,655 | \$ 384,319 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | SWEET POTATOES |           |              |
|--------------------------|----------------|-----------|--------------|
|                          | Acres          | Bushels   | Value        |
| Alachua.....             | 502            | 58,546    | \$ 26,436    |
| Baker.....               | 419            | 80,510    | 24,483       |
| Bradford.....            | 542            | 60,745    | 24,328       |
| Brevard.....             | 73             | 11,800    | 6,000        |
| Calhoun.....             | 556            | 62,533    | 31,929       |
| Citrus.....              | 352            | 51,050    | 13,505       |
| Clay.....                | 294            | 32,953    | 16,953       |
| Columbia.....            | 717            | 73,227    | 33,180       |
| Dade.....                | 16             | 326       | 076          |
| De Soto.....             | 643            | 83,385    | 41,830       |
| Duval.....               | 839            | 60,637    | 28,513       |
| Escambia.....            | 939            | 92,255    | 46,126       |
| Franklin.....            | 38             | 3,800     | 1,900        |
| Gadsden.....             | 1,285          | 91,315    | 38,526       |
| Hamilton.....            | 652            | 58,608    | 29,121       |
| Hernando.....            | 283            | 36,700    | 18,695       |
| Hillsborough.....        | 438            | 51,138    | 28,178       |
| Holmes.....              | 280            | 26,950    | 13,625       |
| Jackson.....             | 732            | 58,850    | 29,429       |
| Jefferson.....           | 1,069          | 86,466    | 35,887       |
| Lafayette.....           | 278            | 31,993    | 15,445       |
| Lake.....                | 381            | 33,357    | 16,205       |
| Lee.....                 | 92             | 5,635     | 3,010        |
| Leon.....                | 1,142          | 93,947    | 39,169       |
| Levy.....                | 373            | 32,901    | 15,638       |
| Liberty.....             | 170            | 18,386    | 8,758        |
| Madison.....             | 689            | 83,293    | 36,029       |
| Manatee.....             | 134            | 21,021    | 10,655       |
| Marion.....              | 788            | 79,890    | 39,440       |
| Monroe.....              |                |           |              |
| Nassau.....              | 381            | 45,990    | 23,798       |
| Orange.....              | 328            | 28,225    | 14,525       |
| Osceola.....             | 170            | 23,580    | 9,771        |
| Pasco.....               | 274            | 33,420    | 16,710       |
| Polk.....                | 748            | 93,487    | 46,744       |
| Putnam.....              | 520            | 57,493    | 22,700       |
| St. Johns.....           | 474            | 78,093    | 39,021       |
| Santa Rosa.....          | 382            | 33,040    | 16,651       |
| Sumter.....              | 388            | 34,511    | 17,279       |
| Suwannee.....            | 836            | 91,185    | 47,314       |
| Taylor.....              | 71             | 12,963    | 6,970        |
| Volusia.....             | 466            | 59,800    | 28,972       |
| Wakulla.....             | 187            | 22,616    | 11,276       |
| Walton.....              | 523            | 48,130    | 27,454       |
| Washington.....          | 558            | 19,280    | 10,381       |
| Total.....               | 21,022         | 2,165,030 | \$ 1,012,636 |

Agri. 8.

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | SUGAR CANE |        |           |         |       |
|--------------------------|------------|--------|-----------|---------|-------|
|                          | Acres      | Bbls.  | Value     | Sugar   | Value |
|                          |            | Syrup  |           | (lbs.)  |       |
| Alachua.....             | 255        | 1,989  | \$ 22,929 | 600     | \$ 20 |
| Baker.....               | 186        | 1,779  | 17,790    | 44,400  | 2,220 |
| Bradford.....            | 495        | 3,426  | 33,955    | .....   | ..... |
| Brevard.....             | .....      | .....  | .....     | .....   | ..... |
| Calhoun.....             | 200        | 2,139  | 18,742    | 100     | 75    |
| Citrus.....              | 92         | 746    | 8,890     | .....   | ..... |
| Clay.....                | 66         | 601    | 9,854     | 902     | 108   |
| Columbia.....            | 298        | 2,692  | 25,409    | 12,330  | 684   |
| Dade.....                | .....      | .....  | .....     | .....   | ..... |
| De Soto.....             | 229        | 1,630  | 24,753    | 5,000   | 298   |
| Duval.....               | 186        | 1,070  | 13,124    | 10,576  | 399   |
| Escambia.....            | 181        | 715    | 14,290    | .....   | ..... |
| Franklin.....            | 20         | 200    | 1,600     | .....   | ..... |
| Gadsden.....             | 766        | 6,922  | 69,220    | .....   | ..... |
| Hamilton.....            | 454        | 3,457  | 32,681    | 1,400   | 209   |
| Hernando.....            | 152        | 1,422  | 13,735    | .....   | ..... |
| Hillsborough.....        | 176        | 1,736  | 15,803    | 1,745   | 170   |
| Holmes.....              | 203        | 1,224  | 15,103    | .....   | ..... |
| Jackson.....             | 879        | 8,093  | 76,487    | 200     | 10    |
| Jefferson.....           | 584        | 3,428  | 30,482    | 1,419   | 145   |
| Lafayette.....           | 172        | 1,674  | 18,445    | .....   | ..... |
| Lake.....                | 109        | 545    | 5,923     | 300     | 16    |
| Lee.....                 | 31         | 169    | 4,385     | .....   | ..... |
| Leon.....                | 479        | 3,159  | 33,473    | .....   | ..... |
| Levy.....                | 172        | 1,101  | 15,377    | 300     | 27    |
| Liberty.....             | 130        | 1,297  | 11,237    | .....   | ..... |
| Madison.....             | 512        | 4,464  | 35,654    | 100     | 5     |
| Manatee.....             | 52         | 379    | 5,352     | .....   | ..... |
| Marion.....              | 271        | 1,941  | 26,160    | .....   | ..... |
| Monroe.....              | .....      | .....  | .....     | .....   | ..... |
| Nassau.....              | 211        | 602    | 8,918     | .....   | ..... |
| Orange.....              | 75         | 327    | 6,132     | .....   | ..... |
| Osceola.....             | 32         | 199    | 2,037     | 150     | 15    |
| Pasco.....               | 220        | 2,170  | 21,700    | 2,200   | 110   |
| Polk.....                | 145        | 874    | 17,280    | .....   | ..... |
| Putnam.....              | 135        | 807    | 9,070     | .....   | ..... |
| St. Johns.....           | 124        | 1,519  | 30,380    | 42,000  | 2,100 |
| Santa Rosa.....          | 142        | 766    | 10,449    | 600     | 30    |
| Sumpter.....             | 196        | 867    | 13,678    | .....   | ..... |
| Suwannee.....            | 903        | 7,441  | 83,006    | 702     | 64    |
| Taylor.....              | 69         | 531    | 5,398     | 500     | 35    |
| Volusia.....             | 100        | 689    | 11,330    | .....   | ..... |
| Wakulla.....             | 102        | 927    | 8,559     | .....   | ..... |
| Walton.....              | 259        | 1,210  | 18,045    | 195     | 19    |
| Washington.....          | 122        | 894    | 9,486     | .....   | ..... |
| Total.....               | 10,218     | 77,821 | 856,321   | 122,832 | 6,759 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| Counties.         | RICE  |         |           |
|-------------------|-------|---------|-----------|
|                   | Acres | Bushels | Value     |
| Alachua.....      | 38    | 247     | 267       |
| Baker.....        |       |         |           |
| Bradford.....     |       |         |           |
| Brevard.....      |       |         |           |
| Calhoun.....      | 51    | 578     | 608       |
| Citrus.....       |       |         |           |
| Clay.....         | 5     | 64      | 112       |
| Columbia.....     | 104   | 2,096   | 2,093     |
| Dade.....         |       |         |           |
| De Soto.....      | 52    | 2,093   | 2,132     |
| Duval.....        | 33    | 504     | 605       |
| Escambia.....     | 169   | 3,035   | 3,035     |
| Franklin.....     |       |         |           |
| Gadsden.....      | 21    | 355     | 355       |
| Hamilton.....     | 72    | 1,102   | 1,102     |
| Hernando.....     | 104   | 2,790   | 3,110     |
| Hillsborough..... | 178   | 4,271   | 5,641     |
| Holmes.....       |       |         |           |
| Jackson.....      | 1     | 10      | 10        |
| Jefferson.....    | 11    | 154     | 159       |
| Lafayette.....    |       |         |           |
| Lake.....         | 1     | 50      | 100       |
| Lee.....          |       |         |           |
| Leon.....         | 3     | 109     | 109       |
| Levy.....         |       |         |           |
| Liberty.....      | 8     | 311     | 311       |
| Madison.....      | 3     | 67      | 62        |
| Manatee.....      | 87    | 3,228   | 3,228     |
| Marion.....       | 293   | 6,728   | 6,728     |
| Monroe.....       |       |         |           |
| Nassau.....       | 32    | 373     | 629       |
| Orange.....       | 8     | 86      | 179       |
| Osceola.....      | 13    | 292     | 292       |
| Pasco.....        | 140   | 6,525   | 6,500     |
| Polk.....         | 42    | 1,126   | 2,094     |
| Putnam.....       |       |         |           |
| St. Johns.....    | 10    | 243     | 336       |
| Santa Rosa.....   | 22    | 332     | 332       |
| Sumter.....       |       |         |           |
| Suwannee.....     | 2,310 | 18,247  | 18,247    |
| Taylor.....       | 3     | 316     | 316       |
| Volusia.....      |       |         |           |
| Wakulla.....      | 6     | 95      | 95        |
| Walton.....       | 34    | 485     | 448       |
| Washington.....   |       |         |           |
| Total.....        | 3,854 | 55,912  | \$ 59,234 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | FIELD PEAS |         |            |
|--------------------------|------------|---------|------------|
|                          | Acres      | Bushels | Value      |
| Alachua.....             | 624        | 4,193   | \$ 3,768   |
| Baker.....               | 2,578      | 20,732  | 20,732     |
| Bradford.....            | 1,970      | 10,843  | 10,843     |
| Brevard.....             | 25         | 670     | 1,065      |
| Calhoun.....             | 747        | 6,448   | 6,369      |
| Citrus.....              | 49         | 6,690   | 6,830      |
| Clay.....                | 4          | 64      | 142        |
| Columbia.....            | 595        | 3,939   | 5,158      |
| Dade.....                |            |         |            |
| De Soto.....             | 407        | 4,625   | 9,050      |
| Duval.....               | 96         | 1,207   | 1,721      |
| Escambia.....            | 530        | 2,437   | 2,437      |
| Franklin.....            |            |         |            |
| Gadsden.....             | 386        | 3,287   | 3,287      |
| Hamilton.....            | 758        | 5,410   | 5,410      |
| Hernando.....            | 287        | 4,130   | 4,325      |
| Hillsborough.....        | 178        | 1,592   | 2,388      |
| Holmes.....              | 1          | 5       | 5          |
| Jackson.....             | 62         | 379     | 381        |
| Jefferson.....           | 277        | 2,234   | 1,701      |
| Lafayette.....           | 2,262      | 30,494  | 30,344     |
| Lake.....                | 471        | 4,306   | 4,488      |
| Lee.....                 |            |         |            |
| Leon.....                | 260        | 1,747   | 2,242      |
| Levy.....                | 220        | 2,137   | 2,691      |
| Liberty.....             | 198        | 2,682   | 2,257      |
| Madison.....             | 45         | 438     | 438        |
| Manatee.....             | 31         | 288     | 450        |
| Marion.....              |            |         |            |
| Monroe.....              |            |         |            |
| Nassau.....              | 12         | 90      | 72         |
| Orange.....              | 219        | 1,942   | 2,099      |
| Osceola.....             | 106        | 1,104   | 1,054      |
| Pasco.....               | 664        | 27,430  | 27,630     |
| Polk.....                | 330        | 2,431   | 2,821      |
| Putnam.....              | 657        | 4,554   | 9,272      |
| St. Johns.....           | 319        | 5,508   | 7,164      |
| Santa Rosa.....          | 204        | 1,329   | 2,213      |
| Sumter.....              | 512        | 3,912   | 7,545      |
| Suwannee.....            | 5,102      | 40,958  | 40,958     |
| Taylor.....              | 52         | 437     | 441        |
| Volusia.....             | 763        | 5,598   | 8,253      |
| Wakulla.....             | 245        | 2,438   | 2,438      |
| Walton.....              | 1,543      | 11,784  | 11,823     |
| Washington.....          |            |         |            |
| Total.....               | 23,693     | 230,402 | \$ 252,743 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | HAY    |        |            |
|--------------------------|--------|--------|------------|
|                          | Acres  | Tons   | Value      |
| Alachua.....             | 685    | 979    | \$ 15,745  |
| Baker.....               | 10     | 5      | 100        |
| Bradford.....            |        |        |            |
| Brevard.....             |        |        |            |
| Calhoun.....             | 87     | 65     | 972        |
| Citrus.....              | 110    | 125    | 1,740      |
| Clay.....                | 84     | 91     | 1,820      |
| Columbia.....            | 557    | 624    | 6,709      |
| Dade.....                |        |        |            |
| De Soto.....             | 376    | 465    | 12,020     |
| Duval.....               | 137    | 224    | 2,340      |
| Escambia.....            | 2,291  | 2,347  | 35,205     |
| Franklin.....            |        |        |            |
| Gadsden.....             | 496    | 1,199  | 14,000     |
| Hamilton.....            | 41     | 79     | 1,685      |
| Hernando.....            | 141    | 154    | 1,720      |
| Hillsborough.....        | 561    | 517    | 10,691     |
| Holmes.....              |        |        |            |
| Jackson.....             | 1,435  | 1,547  | 21,810     |
| Jefferson.....           | 1,384  | 548    | 7,575      |
| Lafayette.....           | 63     | 25     | 460        |
| Lake.....                | 1,150  | 1,276  | 14,435     |
| Lee.....                 |        |        |            |
| Leon.....                | 2,155  | 1,853  | 25,442     |
| Levy.....                | 49     | 47     | 946        |
| Liberty.....             | 1,122  | 1,537  | 15,740     |
| Madison.....             | 1,019  | 1,454  | 12,302     |
| Manatee.....             | 245    | 217    | 3,346      |
| Marion.....              | 862    | 1,420  | 14,690     |
| Monroe.....              |        |        |            |
| Nassau.....              |        |        |            |
| Orange.....              | 1,308  | 1,613  | 15,189     |
| Osceola.....             | 507    | 276    | 3,405      |
| Pasco.....               | 1,445  | 2,532  | 38,140     |
| Polk.....                | 401    | 421    | 7,145      |
| Putnam.....              | 163    | 250    | 3,008      |
| St. Johns.....           | 319    | 647    | 9,770      |
| Santa Rosa.....          | 187    | 160    | 3,154      |
| Sumter.....              | 371    | 415    | 6,653      |
| Suwannee.....            |        |        |            |
| Taylor.....              |        |        |            |
| Volusia.....             | 595    | 670    | 6,700      |
| Wakulla.....             |        |        |            |
| Walton.....              | 88     | 108    | 1,415      |
| Washington.....          | 11     | 15     | 170        |
| Total.....               | 20,455 | 23,905 | \$ 316,242 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | MILLET |       |          |
|--------------------------|--------|-------|----------|
|                          | Acres  | Tons  | Value    |
| Alachua.....             | 4      | 6     | \$ 65    |
| Baker.....               |        |       |          |
| Bradford.....            |        |       |          |
| Brevard.....             |        |       |          |
| Calhoun.....             | 5      | 2     | 32       |
| Citrus.....              |        |       |          |
| Clay.....                | 4      | 1     | 20       |
| Columbia.....            | 7      | 9     | 130      |
| Dade.....                |        |       |          |
| De Soto.....             |        |       |          |
| Duval.....               | 1      | 1     | 10       |
| Escambia.....            |        |       |          |
| Franklin.....            |        |       |          |
| Gadsden.....             | 22     | 61    | 360      |
| Hamilton.....            | 4      | 40    | 500      |
| Hernando.....            |        |       |          |
| Hillsborough.....        | 8      | 16    | 315      |
| Holmes.....              |        |       |          |
| Jackson.....             |        |       |          |
| Jefferson.....           | 83     | 796   | 852      |
| Lafayette.....           | 5      | 2     | 30       |
| Lake.....                |        |       |          |
| Lee.....                 |        |       |          |
| Leon.....                |        |       |          |
| Levy.....                | 5      | 5     | 100      |
| Liberty.....             |        |       |          |
| Madison.....             |        |       |          |
| Manatee.....             |        |       |          |
| Marion.....              | 2      | 10    | 100      |
| Monroe.....              |        |       |          |
| Nassau.....              |        |       |          |
| Orange.....              |        |       |          |
| Osceola.....             | 1      | 1     | 10       |
| Pasco.....               | 37     | 91    | 1,440    |
| Polk.....                |        |       |          |
| Putnam.....              |        |       |          |
| St. Johns.....           | 1      | 2     | 25       |
| Santa Rosa.....          | 1      | 1     | 20       |
| Sumter.....              | 2      | 2     | 33       |
| Suwannee.....            |        |       |          |
| Taylor.....              |        |       |          |
| Volusia.....             |        |       |          |
| Wakulla.....             |        |       |          |
| Walton.....              |        |       |          |
| Washington.....          |        |       |          |
| Total.....               | 192    | 1,046 | \$ 4,047 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | PEANUTS |           |              |
|--------------------------|---------|-----------|--------------|
|                          | Acres   | Bushels   | Value        |
| Alachua.....             | 3,457   | 55,744    | \$ 32,341    |
| Baker.....               | 4,675   | 55,055    | 55,055       |
| Bradford.....            | 5,630   | 30,465    | 30,465       |
| Brevard.....             |         |           |              |
| Calhoun.....             | 1,302   | 15,826    | 16,519       |
| Citrus.....              | 270     | 5,090     | 5,470        |
| Clay.....                | 2       | 50        | 63           |
| Columbia.....            | 7,383   | 111,843   | 111,853      |
| Dade.....                |         |           |              |
| De Soto.....             | 5       | 65        | 98           |
| Duval.....               | 4       | 134       | 219          |
| Escambia.....            | 8       | 85        | 85           |
| Franklin.....            |         |           |              |
| Gadsden.....             | 4,375   | 77,570    | 62,056       |
| Hamilton.....            | 5,020   | 67,635    | 67,635       |
| Hernando.....            | 282     | 4,875     | 5,045        |
| Hillsborough.....        | 16      | 241       | 837          |
| Holmes.....              | 2,519   | 25,553    | 18,528       |
| Jackson.....             | 13,400  | 161,170   | 161,170      |
| Jefferson.....           | 1,762   | 29,822    | 26,815       |
| Lafayette.....           | 2,587   | 40,055    | 34,905       |
| Lake.....                | 61      | 1,120     | 1,182        |
| Lee.....                 |         |           |              |
| Leon.....                | 849     | 12,901    | 12,901       |
| Levy.....                | 2,219   | 41,659    | 39,004       |
| Liberty.....             | 279     | 6,576     | 6,372        |
| Madison.....             | 5,320   | 17,436    | 15,448       |
| Manatee.....             |         |           |              |
| Marion.....              | 882     | 39,910    | 39,910       |
| Monroe.....              |         |           |              |
| Nassau.....              |         |           |              |
| Orange.....              | 3       | 60        | 60           |
| Osceola.....             |         |           |              |
| Pasco.....               | 178     | 9,235     | 9,235        |
| Polk.....                | 14      | 216       | 266          |
| Putnam.....              | 9       | 100       | 100          |
| St. Johns.....           | 13      | 212       | 373          |
| Santa Rosa.....          | 127     | 1,675     | 1,675        |
| Sumter.....              | 1,428   | 14,367    | 14,409       |
| Suwannee.....            | 19,436  | 195,860   | 195,860      |
| Taylor.....              | 1,457   | 16,052    | 16,052       |
| Volusia.....             | 94      | 1,045     | 1,732        |
| Wakulla.....             | 905     | 10,084    | 10,059       |
| Walton.....              | 1,764   | 16,129    | 17,143       |
| Washington.....          | 519     | 7,715     | 3,910        |
| Total.....               | 88,254  | 1,073,660 | \$ 1,014,750 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | TOBACCO<br>(Open Field Culture) |         |           |
|--------------------------|---------------------------------|---------|-----------|
|                          | Acres                           | Pounds  | Value     |
| Alachua.....             | 14                              | 290     | \$ 210    |
| Baker.....               |                                 |         |           |
| Bradford.....            |                                 |         |           |
| Brevard.....             |                                 |         |           |
| Calhoun.....             |                                 |         |           |
| Citrus.....              |                                 |         |           |
| Clay.....                |                                 |         |           |
| Columbia.....            |                                 |         |           |
| Dade.....                |                                 |         |           |
| De Soto.....             |                                 |         |           |
| Duval.....               | 1                               | 500     | 100       |
| Escambia.....            |                                 |         |           |
| Franklin.....            |                                 |         |           |
| Gadsden.....             | 917                             | 583,662 | 88,730    |
| Hamilton.....            |                                 |         |           |
| Hernando.....            |                                 |         |           |
| Hillsborough.....        |                                 |         |           |
| Holmes.....              |                                 |         |           |
| Jackson.....             |                                 |         |           |
| Jefferson.....           | 5                               | 90      | 50        |
| Lafayette.....           |                                 |         |           |
| Lake.....                |                                 |         |           |
| Lee.....                 |                                 |         |           |
| Leon.....                | 11                              | 5,550   | 823       |
| Levy.....                | 1                               | 100     | 25        |
| Liberty.....             |                                 |         |           |
| Madison.....             |                                 |         |           |
| Manatee.....             |                                 |         |           |
| Marion.....              |                                 |         |           |
| Monroe.....              |                                 |         |           |
| Nassau.....              |                                 |         |           |
| Orange.....              |                                 |         |           |
| Osceola.....             |                                 |         |           |
| Pasco.....               | 20                              | 27,000  | 5,400     |
| Polk.....                |                                 |         |           |
| Putnam.....              |                                 |         |           |
| St. Johns.....           |                                 |         |           |
| Santa Rosa.....          |                                 |         |           |
| Sumter.....              |                                 |         |           |
| Suwannee.....            |                                 |         |           |
| Taylor.....              |                                 |         |           |
| Volusia.....             |                                 |         |           |
| Wakulla.....             |                                 |         |           |
| Walton.....              | 1                               | 230     | 71        |
| Washington.....          |                                 |         |           |
| Total.....               | 970                             | 617,422 | \$ 95,409 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | TOBACCO<br>(Grown under Shade) |         |            |
|--------------------------|--------------------------------|---------|------------|
|                          | Acres                          | Pounds  | Value      |
| Alachua.....             |                                |         | \$ .....   |
| Baker.....               |                                |         | .....      |
| Bradford.....            |                                |         | .....      |
| Brevard.....             |                                |         | .....      |
| Calhoun.....             |                                |         | .....      |
| Citrus.....              |                                |         | .....      |
| Clay.....                |                                |         | .....      |
| Columbia.....            |                                |         | .....      |
| Dade.....                |                                |         | .....      |
| De Soto.....             |                                |         | .....      |
| Duval.....               |                                |         | .....      |
| Escambia.....            |                                |         | .....      |
| Franklin.....            |                                |         | .....      |
| Gadsden.....             | 889                            | 908,552 | 410,068    |
| Hamilton.....            |                                |         | .....      |
| Hernando.....            |                                |         | .....      |
| Hillsborough.....        |                                |         | .....      |
| Holmes.....              |                                |         | .....      |
| Jackson.....             |                                |         | .....      |
| Jefferson.....           |                                |         | .....      |
| Lafayette.....           |                                |         | .....      |
| Lake.....                |                                |         | .....      |
| Lee.....                 |                                |         | .....      |
| Leon.....                | 14                             | 10,000  | 4,500      |
| Levy.....                |                                |         | .....      |
| Liberty.....             |                                |         | .....      |
| Madison.....             |                                |         | .....      |
| Manatee.....             |                                |         | .....      |
| Marion.....              |                                |         | .....      |
| Monroe.....              |                                |         | .....      |
| Nassau.....              |                                |         | .....      |
| Orange.....              |                                |         | .....      |
| Osceola.....             |                                |         | .....      |
| Pasco.....               |                                |         | .....      |
| Polk.....                |                                |         | .....      |
| Putnam.....              |                                |         | .....      |
| St. Johns.....           |                                |         | .....      |
| Santa Rosa.....          |                                |         | .....      |
| Sumter.....              |                                |         | .....      |
| Suwannee.....            |                                |         | .....      |
| Taylor.....              |                                |         | .....      |
| Volusia.....             |                                |         | .....      |
| Wakulla.....             |                                |         | .....      |
| Walton.....              |                                |         | .....      |
| Washington.....          |                                |         | .....      |
| Total.....               | 903                            | 918,552 | \$ 414,568 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | VELVET BEANS |         |            |
|--------------------------|--------------|---------|------------|
|                          | Acres        | Bushels | Value      |
| Alachua.....             | 1,282        | 13,561  | \$ 8,462   |
| Baker.....               | 334          | 3,715   | 3,740      |
| Bradford.....            | 1,436        | 9,672   | 9,672      |
| Brevard.....             |              |         |            |
| Calhoun.....             | 3            | 200     | 450        |
| Citrus.....              | 719          | 15,220  | 15,920     |
| Clay.....                | 221          | 2,240   | 3,680      |
| Columbia.....            | 927          | 9,640   | 15,396     |
| Dade.....                |              |         |            |
| De Soto.....             | 505          | 4,680   | 9,360      |
| Duval.....               |              |         |            |
| Escambia.....            |              |         |            |
| Franklin.....            |              |         |            |
| Gadsden.....             | 111          | 1,060   | 2,130      |
| Hamilton.....            | 747          | 8,615   | 16,265     |
| Hernando.....            | 462          | 9,565   | 9,880      |
| Hillsborough.....        | 82           | 523     | 543        |
| Holmes.....              | 262          | 2,779   | 5,536      |
| Jackson.....             |              |         |            |
| Jefferson.....           | 97           | 1,606   | 1,740      |
| Lafayette.....           | 121          | 1,965   | 1,550      |
| Lake.....                | 338          | 3,167   | 4,446      |
| Lee.....                 |              |         |            |
| Leon.....                | 134          | 810     | 1,120      |
| Levy.....                | 1,431        | 3,820   | 6,407      |
| Liberty.....             |              |         |            |
| Madison.....             | 10           | 325     | 700        |
| Manatee.....             | 37           | 322     | 107        |
| Marion.....              | 1,633        | 3,568   | 36,080     |
| Monroe.....              |              |         |            |
| Nassau.....              |              |         |            |
| Orange.....              | 641          | 6,617   | 7,265      |
| Osceola.....             | 154          | 955     | 1,410      |
| Pasco.....               | 1,174        | 54,710  | 45,710     |
| Polk.....                | 1,019        | 9,051   | 10,171     |
| Putnam.....              | 363          | 2,461   | 2,756      |
| St. Johns.....           | 51           | 1,070   | 1,070      |
| Santa Rosa.....          | 35           | 267     | 639        |
| Sumter.....              | 311          | 4,150   | 4,210      |
| Suwannee.....            |              |         |            |
| Taylor.....              | 28           | 155     | 150        |
| Volusia.....             | 665          | 4,588   | 5,555      |
| Wakulla.....             | 195          | 2,185   | 2,185      |
| Walton.....              | 915          | 12,461  | 16,854     |
| Washington.....          |              |         |            |
| Total.....               | 16,443       | 195,723 | \$ 251,159 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | WHEAT |         |        |
|--------------------------|-------|---------|--------|
|                          | Acres | Bushels | Value  |
| Alachua.....             | 13    | 100     | \$ 115 |
| Baker.....               |       |         |        |
| Bradford.....            |       |         |        |
| Brevard.....             |       |         |        |
| Calhoun.....             |       |         |        |
| Citrus.....              |       |         |        |
| Clay.....                |       |         |        |
| Columbia.....            |       |         |        |
| Dade.....                |       |         |        |
| De Soto.....             |       |         |        |
| Duval.....               | 8     | 75      | 75     |
| Escambia.....            |       |         |        |
| Franklin.....            |       |         |        |
| Gadsden.....             |       |         |        |
| Hamilton.....            |       |         |        |
| Hernando.....            |       |         |        |
| Hillsborough.....        |       |         |        |
| Holmes.....              |       |         |        |
| Jackson.....             |       |         |        |
| Jefferson.....           |       |         |        |
| Lafayette.....           |       |         |        |
| Lake.....                |       |         |        |
| Lee.....                 |       |         |        |
| Leon.....                |       |         |        |
| Levy.....                |       |         |        |
| Liberty.....             |       |         |        |
| Madison.....             |       |         |        |
| Manatee.....             |       |         |        |
| Marion.....              |       |         |        |
| Monroe.....              |       |         |        |
| Nassau.....              |       |         |        |
| Orange.....              |       |         |        |
| Osceola.....             |       |         |        |
| Pasco.....               |       |         |        |
| Polk.....                |       |         |        |
| Putnam.....              |       |         |        |
| St. Johns.....           |       |         |        |
| Santa Rosa.....          |       |         |        |
| Sumter.....              |       |         |        |
| Suwannee.....            |       |         |        |
| Taylor.....              |       |         |        |
| Volusia.....             |       |         |        |
| Wakulla.....             |       |         |        |
| Walton.....              |       |         |        |
| Washington.....          |       |         |        |
| Total.....               | 21    | 175     | \$ 190 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | RYE   |         |          |
|--------------------------|-------|---------|----------|
|                          | Acres | Bushels | Value    |
| Alachua.....             | 10    | 60      | \$ 38    |
| Baker.....               |       |         |          |
| Bradford.....            |       |         |          |
| Brevard.....             |       |         |          |
| Calhoun.....             |       |         |          |
| Citrus.....              |       |         |          |
| Clay.....                |       |         |          |
| Columbia.....            | 33    | 269     | 518      |
| Dade.....                |       |         |          |
| De Soto.....             |       |         |          |
| Duval.....               |       |         |          |
| Escambia.....            |       |         |          |
| Franklin.....            |       |         |          |
| Gadsden.....             | 10    | 50      | 50       |
| Hamilton.....            | 16    | 80      | 30       |
| Hernando.....            |       |         |          |
| Hillsborough.....        |       |         |          |
| Holmes.....              |       |         |          |
| Jackson.....             | 1     | 15      | 30       |
| Jefferson.....           |       |         |          |
| Lafayette.....           |       |         |          |
| Lake.....                | 24    | 130     | 215      |
| Lee.....                 |       |         |          |
| Leon.....                | 26    | 180     | 355      |
| Levy.....                |       |         |          |
| Liberty.....             |       |         |          |
| Madison.....             |       |         |          |
| Manatee.....             |       |         |          |
| Marion.....              |       |         |          |
| Monroe.....              |       |         |          |
| Nassau.....              |       |         |          |
| Orange.....              |       |         |          |
| Osceola.....             |       |         |          |
| Pasco.....               | 22    | 880     | 1,640    |
| Polk.....                |       |         |          |
| Putnam.....              |       |         |          |
| St. Johns.....           |       |         |          |
| Santa Rosa.....          |       |         |          |
| Sumter.....              |       |         |          |
| Suwannee.....            |       |         |          |
| Taylor.....              |       |         |          |
| Volusia.....             |       |         |          |
| Wakulla.....             |       |         |          |
| Walton.....              |       |         |          |
| Washington.....          |       |         |          |
| Total.....               | 142   | 1,664   | \$ 2,926 |

TABLE NO. 1. FIELD CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | CASSAVA |       |           |
|--------------------------|---------|-------|-----------|
|                          | Acres   | Tons  | Value     |
| Alachua.....             |         |       | \$ .....  |
| Baker.....               |         |       | .....     |
| Bradford.....            |         |       | .....     |
| Brevard.....             |         |       | .....     |
| Calhoun.....             |         |       | .....     |
| Citrus.....              |         |       | .....     |
| Clay.....                | 1       | 3     | 36        |
| Columbia.....            | 1       | 8     | 40        |
| Dade.....                |         |       | .....     |
| De Soto.....             | 12      | 70    | 350       |
| Duval.....               |         |       | .....     |
| Escambia.....            |         |       | .....     |
| Franklin.....            |         |       | .....     |
| Gadsden.....             | 20      | 20    | 250       |
| Hamilton.....            |         |       | .....     |
| Hernando.....            |         |       | .....     |
| Hillsborough.....        | 48      | 200   | 1,345     |
| Holmes.....              |         |       | .....     |
| Jackson.....             |         |       | .....     |
| Jefferson.....           | 49      | 50    | 585       |
| Lafayette.....           |         |       | .....     |
| Lake.....                | 64      | 161   | 1,126     |
| Lee.....                 |         |       | .....     |
| Leon.....                |         |       | .....     |
| Levy.....                | 1       | 1     | 7         |
| Liberty.....             |         |       | .....     |
| Madison.....             |         |       | .....     |
| Manatee.....             | 1       | 5     | 34        |
| Marion.....              | 190     | 500   | 2,450     |
| Monroe.....              |         |       | .....     |
| Nassau.....              |         |       | .....     |
| Orange.....              | 441     | 1,737 | 8,735     |
| Osceola.....             |         |       | .....     |
| Pasco.....               |         |       | .....     |
| Polk.....                | 28      | 126   | 605       |
| Putnam.....              |         |       | .....     |
| St. Johns.....           | 12      | 84    | 840       |
| Santa Rosa.....          | 11      | 23    | 118       |
| Sumter.....              |         |       | .....     |
| Suwannee.....            |         |       | .....     |
| Taylor.....              |         |       | .....     |
| Volusia.....             | 1,058   | 4,776 | 22,159    |
| Wakulla.....             |         |       | .....     |
| Walton.....              |         |       | .....     |
| Washington.....          |         |       | .....     |
| Total.....               | 1,937   | 7,764 | \$ 38,680 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS —1903.

| NAMES<br>OF<br>COUNTIES. | LETTUCE |         |            |
|--------------------------|---------|---------|------------|
|                          | Acres   | Crates  | Value      |
| Alachua.....             | 155     | 23,515  | \$ 22,543  |
| Baker.....               |         |         |            |
| Bradford.....            |         |         |            |
| Brevard.....             |         |         |            |
| Calhoun.....             |         |         |            |
| Citrus.....              | 5       | 830     | 1,050      |
| Clay.....                |         |         |            |
| Columbia.....            |         |         |            |
| Dade.....                |         |         |            |
| De Soto.....             |         |         |            |
| Duval.....               |         |         |            |
| Escambia.....            |         |         |            |
| Franklin.....            |         |         |            |
| Gadsden.....             | 2       | 70      | 62         |
| Hamilton.....            |         |         |            |
| Hernando.....            | 2       | 230     | 260        |
| Hillsborough.....        |         |         |            |
| Holmes.....              |         |         |            |
| Jackson.....             |         |         |            |
| Jefferson.....           |         |         |            |
| Lafayette.....           |         |         |            |
| Lake.....                | 46      | 7,476   | 6,207      |
| Lee.....                 | 1       | 16      | 9          |
| Leon.....                | 1       | 59      | 59         |
| Levy.....                |         |         |            |
| Liberty.....             |         |         |            |
| Madison.....             |         |         |            |
| Manatee.....             | 165     | 52,859  | 51,676     |
| Marion.....              | 37      | 6,250   | 6,250      |
| Monroe.....              |         |         |            |
| Nassau.....              |         |         |            |
| Orange.....              | 178     | 72,305  | 82,630     |
| Osceola.....             | 1       | 104     | 108        |
| Pasco.....               | 11      | 1,220   | 1,845      |
| Polk.....                |         |         |            |
| Putnam.....              |         |         |            |
| St. Johns.....           | 2       | 940     | 940        |
| Santa Rosa.....          |         |         |            |
| Sumter.....              | 7       | 900     | 600        |
| Suwannee.....            |         |         |            |
| Taylor.....              |         |         |            |
| Volusia.....             | 44      | 9,720   | 10,655     |
| Wakulla.....             |         |         |            |
| Walton.....              |         |         |            |
| Washington.....          |         |         |            |
| Total.....               | 657     | 176,494 | \$ 184,894 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | CELERY |         |            |
|--------------------------|--------|---------|------------|
|                          | Acres  | Crates  | Value      |
| Alachua.....             |        |         | \$ .....   |
| Baker.....               |        |         | .....      |
| Bradford.....            |        |         | .....      |
| Brevard.....             |        |         | .....      |
| Calhoun.....             |        |         | .....      |
| Citrus.....              |        |         | .....      |
| Clay.....                |        |         | .....      |
| Columbia.....            |        |         | .....      |
| Dade.....                | 14     | 300     | 450        |
| De Soto.....             |        |         | .....      |
| Duval.....               |        |         | .....      |
| Escambia.....            |        |         | .....      |
| Franklin.....            |        |         | .....      |
| Gadsden.....             |        |         | .....      |
| Hamilton.....            |        |         | .....      |
| Hernando.....            |        |         | .....      |
| Hillsborough.....        | 45     | 28,400  | 41,600     |
| Holmes.....              |        |         | .....      |
| Jackson.....             |        |         | .....      |
| Jefferson.....           |        |         | .....      |
| Lafayette.....           |        |         | .....      |
| Lake.....                | 1      | 75      | 185        |
| Lee.....                 |        |         | .....      |
| Leon.....                |        |         | .....      |
| Levy.....                |        |         | .....      |
| Liberty.....             |        |         | .....      |
| Madison.....             |        |         | .....      |
| Manatee.....             | 13     | 4,550   | 6,443      |
| Marion.....              |        |         | .....      |
| Monroe.....              |        |         | .....      |
| Nassau.....              |        |         | .....      |
| Orange.....              | 154    | 64,505  | 93,735     |
| Osceola.....             | 1      | 600     | 850        |
| Pasco.....               |        |         | .....      |
| Polk.....                |        |         | .....      |
| Putnam.....              | 12     | 1,233   | 4,390      |
| St. Johns.....           | 1      | 850     | 850        |
| Santa Rosa.....          |        |         | .....      |
| Sumter.....              |        |         | .....      |
| Suwannee.....            |        |         | .....      |
| Taylor.....              |        |         | .....      |
| Volusia.....             | 14     | 2,977   | 3,815      |
| Wakulla.....             |        |         | .....      |
| Walton.....              |        |         | .....      |
| Washington.....          |        |         | .....      |
| Total.....               | 255    | 103,490 | \$ 132,318 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | PEPPERS |        |          |
|--------------------------|---------|--------|----------|
|                          | Acres   | Crates | Value    |
| Alachua.....             | 3       | 550    | \$ 415   |
| Baker.....               |         |        |          |
| Bradford.....            |         |        |          |
| Brevard.....             |         |        |          |
| Calhoun.....             |         |        |          |
| Citrus.....              |         |        |          |
| Clay.....                |         |        |          |
| Columbia.....            |         |        |          |
| Dade.....                | 18      | 1,130  | 1,290    |
| De Soto.....             | 1       | 40     | 80       |
| Duval.....               |         |        |          |
| Escambia.....            |         |        |          |
| Franklin.....            |         |        |          |
| Gadsden.....             |         |        |          |
| Hamilton.....            |         |        |          |
| Hernando.....            | 5       | 380    | 290      |
| Hillsborough.....        | 1       | 40     | 40       |
| Holmes.....              |         |        |          |
| Jackson.....             |         |        |          |
| Jefferson.....           |         |        |          |
| Lafayette.....           |         |        |          |
| Lake.....                | 4       | 230    | 330      |
| Lee.....                 | 7       | 1,395  | 1,230    |
| Leon.....                | 1       | 16     | 16       |
| Levy.....                |         |        |          |
| Liberty.....             |         |        |          |
| Madison.....             |         |        |          |
| Manatee.....             | 3       | 1,590  | 1,565    |
| Marion.....              | 2       | 40     | 100      |
| Monroe.....              |         |        |          |
| Nassau.....              |         |        |          |
| Orange.....              |         |        |          |
| Osceola.....             |         |        |          |
| Pasco.....               | 4       | 360    | 675      |
| Polk.....                | 4       | 400    | 400      |
| Putnam.....              |         |        |          |
| St. Johns.....           | 1       | 275    | 340      |
| Santa Rosa.....          |         |        |          |
| Sumter.....              |         |        |          |
| Suwannee.....            |         |        |          |
| Taylor.....              |         |        |          |
| Volusia.....             |         |        |          |
| Wakulla.....             |         |        |          |
| Walton.....              |         |        |          |
| Washington.....          |         |        |          |
| Total.....               | 51      | 6,446  | \$ 6,771 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | IRISH POTATOES |         |            |
|-------------------|----------------|---------|------------|
|                   | Acres          | Bushels | Value      |
| Alachua.....      | 32             | 1,543   | \$ 1,428   |
| Baker.....        | 3              | 300     | 200        |
| Bradford.....     | 72             | 4,120   | 4,870      |
| Brevard.....      | 106            | 3,478   | 11,310     |
| Calhoun.....      | .....          | .....   | .....      |
| Citrus.....       | 44             | 8,326   | 10,235     |
| Clay.....         | 54             | 3,235   | 4,149      |
| Columbia.....     | 6              | 403     | 413        |
| Dade.....         | 22             | 845     | 1,405      |
| De Soto.....      | 8              | 662     | 1,141      |
| Duval.....        | 71             | 4,418   | 4,023      |
| Escambia.....     | 57             | 5,120   | 5,120      |
| Franklin.....     | .....          | .....   | .....      |
| Gadsden.....      | 2              | 340     | 450        |
| Hamilton.....     | 1              | 75      | 150        |
| Hernando.....     | 11             | 1,030   | 1,120      |
| Hillsborough..... | 151            | 6,656   | 12,058     |
| Holmes.....       | .....          | .....   | .....      |
| Jackson.....      | .....          | .....   | .....      |
| Jefferson.....    | 1              | 63      | 53         |
| Lafayette.....    | .....          | .....   | .....      |
| Lake.....         | 42             | 4,305   | 4,300      |
| Lee.....          | 1              | 5       | 5          |
| Leon.....         | 3              | 259     | 463        |
| Levy.....         | 12             | 513     | 691        |
| Liberty.....      | .....          | .....   | .....      |
| Madison.....      | .....          | .....   | .....      |
| Manatee.....      | 3              | 445     | 830        |
| Marion.....       | 29             | 900     | 1,190      |
| Monroe.....       | .....          | .....   | .....      |
| Nassau.....       | .....          | .....   | .....      |
| Orange.....       | 96             | 6,384   | 7,160      |
| Osceola.....      | 14             | 1,247   | 1,266      |
| Pasco.....        | 106            | 9,850   | 12,680     |
| Polk.....         | 93             | 5,995   | 7,694      |
| Putnam.....       | 58             | 8,532   | 8,895      |
| St. Johns.....    | 1,803          | 200,524 | 255,224    |
| Santa Rosa.....   | 1              | 60      | 60         |
| Sumter.....       | 3              | 140     | 215        |
| Suwannee.....     | .....          | .....   | .....      |
| Taylor.....       | .....          | .....   | .....      |
| Volusia.....      | 56             | 6,016   | 8,995      |
| Wakulla.....      | .....          | .....   | .....      |
| Walton.....       | 5              | 218     | 232        |
| Washington.....   | .....          | .....   | .....      |
| Total.....        | 2,966          | 285,967 | \$ 368,025 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | CABBAGE |         |            |
|-------------------|---------|---------|------------|
|                   | Acres   | Crates  | Value      |
| Alachua.....      | 245     | 9,326   | \$ 9,195   |
| Baker.....        |         |         |            |
| Bradford.....     |         |         |            |
| Brevard.....      |         |         |            |
| Calhoun.....      |         |         |            |
| Citrus.....       | 179     | 20,713  | 24,980     |
| Clay.....         |         |         |            |
| Columbia.....     | 1       | 30      | 35         |
| Dade.....         | 10      | 715     | 805        |
| De Soto.....      | 2       | 124     | 277        |
| Duval.....        | 26      | 1,086   | 2,150      |
| Escambia.....     | 31      | 1,450   | 3,620      |
| Franklin.....     |         |         |            |
| Gadsden.....      | 2       | 138     | 138        |
| Hamilton.....     |         |         |            |
| Hernando.....     | 43      | 4,410   | 5,145      |
| Hillsborough..... | 88      | 6,432   | 8,505      |
| Holmes.....       |         |         |            |
| Jackson.....      |         |         |            |
| Jefferson.....    | 1       | 300     | 600        |
| Lafayette.....    | 1       | 30      | 40         |
| Lake.....         | 195     | 14,121  | 18,306     |
| Lee.....          | 2       | 260     | 210        |
| Leon.....         | 1       | 161     | 93         |
| Levy.....         | 12      | 286     | 983        |
| Liberty.....      | 7       | 236     | 217        |
| Madison.....      |         |         |            |
| Manatee.....      | 59      | 7,335   | 4,432      |
| Marion.....       | 64      | 6,250   | 6,475      |
| Monroe.....       |         |         |            |
| Nassau.....       |         |         |            |
| Orange.....       | 22      | 1,595   | 1,795      |
| Osceola.....      | 18      | 1,652   | 1,629      |
| Pasco.....        | 105     | 9,720   | 12,415     |
| Polk.....         | 77      | 7,956   | 14,557     |
| Putnam.....       | 22      | 1,033   | 1,498      |
| St. Johns.....    | 29      | 2,715   | 3,245      |
| Santa Rosa.....   |         |         |            |
| Sumter.....       | 533     | 74,970  | 117,037    |
| Suwannee.....     |         |         |            |
| Taylor.....       |         |         |            |
| Volusia.....      | 21      | 2,731   | 3,221      |
| Wakulla.....      |         |         |            |
| Walton.....       | 3       | 75      | 120        |
| Washington.....   |         |         |            |
| Total.....        | 1,799   | 175,470 | \$ 241,723 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | TOMATOES |         |            |
|-------------------|----------|---------|------------|
|                   | Acres    | Crates  | Value      |
| Alachua.....      | 44       | 3,853   | \$ 3,430   |
| Baker.....        |          |         |            |
| Bradford.....     |          |         |            |
| Brevard.....      | 96       | 9,750   | 11,430     |
| Calhoun.....      |          |         |            |
| Citrus.....       | 30       | 3,420   | 4,020      |
| Clay.....         |          |         |            |
| Columbia.....     |          |         |            |
| Dade.....         | 1,084    | 164,080 | 156,680    |
| De Soto.....      | 52       | 7,448   | 8,183      |
| Duval.....        | 136      | 8,134   | 6,288      |
| Escambia.....     | 3        | 278     | 440        |
| Franklin.....     |          |         |            |
| Gadsden.....      | 1        | 100     | 86         |
| Hamilton.....     |          |         |            |
| Hernando.....     | 5        | 640     | 735        |
| Hillsborough..... | 81       | 8,282   | 8,784      |
| Holmes.....       |          |         |            |
| Jackson.....      |          |         |            |
| Jefferson.....    |          |         |            |
| Lafayette.....    | 1        | 50      | 50         |
| Lake.....         | 143      | 12,661  | 12,293     |
| Lee.....          | 362      | 57,125  | 40,925     |
| Leon.....         | 1        | 79      | 119        |
| Levy.....         | 9        | 465     | 425        |
| Liberty.....      |          |         |            |
| Madison.....      |          |         |            |
| Manatee.....      | 649      | 95,645  | 97,965     |
| Marion.....       | 442      | 34,000  | 33,950     |
| McIntosh.....     |          |         |            |
| Nassau.....       |          |         |            |
| Orange.....       | 91       | 16,935  | 18,340     |
| Osceola.....      | 8        | 625     | 625        |
| Pasco.....        | 178      | 15,745  | 24,865     |
| Polk.....         | 241      | 31,812  | 33,893     |
| Putnam.....       | 3        | 174     | 374        |
| St. Johns.....    | 26       | 4,040   | 4,520      |
| Santa Rosa.....   |          |         |            |
| Sumter.....       | 751      | 87,136  | 78,590     |
| Suwannee.....     |          |         |            |
| Taylor.....       |          |         |            |
| Volusia.....      | 40       | 10,380  | 10,397     |
| Wakulla.....      |          |         |            |
| Walton.....       |          |         |            |
| Washington.....   |          |         |            |
| Total.....        | 4,477    | 572,857 | \$ 557,410 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | SQUASHES |        |           |
|-------------------|----------|--------|-----------|
|                   | Acres    | Crates | Value     |
| Alachua.....      | 9        | 508    | \$ 418    |
| Baker.....        |          |        |           |
| Bradford.....     | 5        | 500    | 375       |
| Brevard.....      |          |        |           |
| Calhoun.....      |          |        |           |
| Citrus.....       | 8        | 935    | 890       |
| Clay.....         |          |        |           |
| Columbia.....     |          |        |           |
| Dade.....         | 3        | 250    | 215       |
| De Soto.....      | 1        | 165    | 82        |
| Duval.....        |          |        |           |
| Escambia.....     | 1        | 60     | 75        |
| Franklin.....     |          |        |           |
| Gadsden.....      | 1        | 170    | 85        |
| Hamilton.....     |          |        |           |
| Hernando.....     | 1        | 20     | 25        |
| Hillsborough..... | 2        | 162    | 150       |
| Holmes.....       |          |        |           |
| Jackson.....      |          |        |           |
| Jefferson.....    |          |        |           |
| Lafayette.....    |          |        |           |
| Lake.....         | 16       | 423    | 1,280     |
| Lee.....          |          |        |           |
| Leon.....         | 1        | 18     | 27        |
| Levy.....         | 2        | 20     | 20        |
| Liberty.....      |          |        |           |
| Madison.....      |          |        |           |
| Manatee.....      | 8        | 1,771  | 1,824     |
| Marion.....       | 18       | 1,150  | 975       |
| Monroe.....       |          |        |           |
| Nassau.....       |          |        |           |
| Orange.....       | 2        | 50     | 70        |
| Osceola.....      |          |        |           |
| Pasco.....        | 55       | 5,300  | 6,105     |
| Polk.....         | 14       | 1,692  | 1,487     |
| Putnam.....       |          |        |           |
| St. Johns.....    | 3        | 396    | 470       |
| Santa Rosa.....   |          |        |           |
| Sumter.....       | 7        | 620    | 383       |
| Suwannee.....     |          |        |           |
| Taylor.....       |          |        |           |
| Volusia.....      | 1        | 75     | 75        |
| Wakulla.....      |          |        |           |
| Walton.....       | 2        | 55     | 45        |
| Washington.....   |          |        |           |
| Total.....        | 160      | 14,340 | \$ 15,076 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | EGG PLANTS |        |           |
|-------------------|------------|--------|-----------|
|                   | Acres      | Crates | Value     |
| Alachua.....      | 21         | 2,655  | \$ 3,085  |
| Baker.....        |            |        |           |
| Bradford.....     |            |        |           |
| Brevard.....      |            |        |           |
| Calhoun.....      |            |        |           |
| Citrus.....       |            |        |           |
| Clay.....         |            |        |           |
| Columbia.....     |            |        |           |
| Dade.....         | 19         | 1,775  | 3,690     |
| De Soto.....      |            |        |           |
| Duval.....        |            |        |           |
| Escambia.....     | 1          | 25     | 70        |
| Franklin.....     |            |        |           |
| Gadsden.....      | 1          | 32     | 32        |
| Hamilton.....     |            |        |           |
| Hernando.....     | 9          | 690    | 610       |
| Hillsborough..... | 39         | 3,056  | 6,932     |
| Holmes.....       |            |        |           |
| Jackson.....      |            |        |           |
| Jefferson.....    |            |        |           |
| Lafayette.....    |            |        |           |
| Lake.....         | 13         | 1,275  | 526       |
| Lee.....          | 5          | 585    | 755       |
| Leon.....         |            |        |           |
| Levy.....         | 3          | 11     | 11        |
| Liberty.....      |            |        |           |
| Madison.....      |            |        |           |
| Manatee.....      | 43         | 11,810 | 13,750    |
| Marion.....       | 18         | 1,760  | 2,780     |
| Monroe.....       |            |        |           |
| Nassau.....       |            |        |           |
| Orange.....       | 2          | 400    | 400       |
| Osceola.....      | 5          | 800    | 1,350     |
| Pasco.....        | 163        | 13,525 | 23,840    |
| Polk.....         | 3          | 553    | 700       |
| Putnam.....       |            |        |           |
| St. Johns.....    | 1          | 210    | 320       |
| Santa Rosa.....   |            |        |           |
| Sumter.....       | 1          | 705    | 1,055     |
| Suwannee.....     |            |        |           |
| Taylor.....       |            |        |           |
| Volusia.....      | 1          | 60     | 120       |
| Wakulla.....      |            |        |           |
| Walton.....       |            |        |           |
| Washington.....   |            |        |           |
| Total.....        | 348        | 39,927 | \$ 60,026 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | CUCUMBERS |         |            |
|-------------------|-----------|---------|------------|
|                   | Acres     | Crates  | Value      |
| Alachua.....      | 122       | 26,790  | \$ 29,868  |
| Baker.....        |           |         |            |
| Bradford.....     | 3         | 300     | 225        |
| Brevard.....      |           |         |            |
| Calhoun.....      |           |         |            |
| Citrus.....       | 2         | 130     | 200        |
| Clay.....         |           |         |            |
| Columbia.....     | 1         | 15      | 45         |
| Dade.....         | 28        | 1,870   | 4,290      |
| De Soto.....      | 3         | 390     | 565        |
| Duval.....        | 12        | 598     | 391        |
| Escambia.....     | 1         | 75      | 75         |
| Franklin.....     |           |         |            |
| Gadsden.....      |           |         |            |
| Hamilton.....     |           |         |            |
| Hernando.....     |           |         |            |
| Hillsborough..... | 28        | 3,395   | 3,971      |
| Holmes.....       |           |         |            |
| Jackson.....      |           |         |            |
| Jefferson.....    |           |         |            |
| Lafayette.....    |           |         |            |
| Lake.....         | 51        | 4,685   | 4,262      |
| Lee.....          |           |         |            |
| Leon.....         |           |         |            |
| Levy.....         | 140       | 32,377  | 29,463     |
| Liberty.....      |           |         |            |
| Madison.....      |           |         |            |
| Manatee.....      | 35        | 12,316  | 16,296     |
| Marion.....       | 81        | 13,680  | 13,950     |
| Monroe.....       |           |         |            |
| Nassau.....       |           |         |            |
| Orange.....       | 7         | 1,965   | 2,115      |
| Osceola.....      |           |         |            |
| Pasco.....        | 122       | 12,455  | 16,655     |
| Polk.....         | 9         | 1,838   | 2,157      |
| Putnam.....       |           |         |            |
| St. Johns.....    | 51        | 6,692   | 6,302      |
| Santa Rosa.....   |           |         |            |
| Sumter.....       | 407       | 111,246 | 81,698     |
| Suwannee.....     |           |         |            |
| Taylor.....       |           |         |            |
| Volusia.....      | 3         | 910     | 2,560      |
| Wakulla.....      |           |         |            |
| Walton.....       | 3         | 55      | 40         |
| Washington.....   |           |         |            |
| Total.....        | 1,109     | 232,282 | \$ 215,128 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | WATERMELONS |           |            |
|-------------------|-------------|-----------|------------|
|                   | Acres       | Car Loads | Value      |
| Alachua.....      | 141         | 78        | \$ 9,650   |
| Baker.....        |             |           |            |
| Bradford.....     |             |           |            |
| Brevard.....      |             |           |            |
| Calhoun.....      |             |           |            |
| Citrus.....       | 76          | 21        | 8,910      |
| Clay.....         |             |           |            |
| Columbia.....     | 54          | 44        | 3,860      |
| Dade.....         |             |           |            |
| De Soto.....      | 48          | 31        | 3,303      |
| Duval.....        | 251         | 163       | 8,777      |
| Escambia.....     | 181         | 98        | 7,095      |
| Franklin.....     | 25          | 15        | 1,050      |
| Gadsden.....      | 4           | 2         | 300        |
| Hamilton.....     | 83          | 35        | 1,775      |
| Hernando.....     | 70          | 18        | 2,070      |
| Hillsborough..... | 291         | 160       | 8,582      |
| Holmes.....       |             |           |            |
| Jackson.....      |             |           |            |
| Jefferson.....    | 444         | 157       | 9,378      |
| Lafayette.....    | 10          | 6         | 270        |
| Lake.....         | 764         | 314       | 28,390     |
| Lee.....          | 5           | 2         | 250        |
| Leon.....         |             |           |            |
| Levy.....         | 76          | 101       | 2,774      |
| Liberty.....      |             |           |            |
| Madison.....      |             |           |            |
| Manatee.....      | 14          | 14        | 1,255      |
| Marion.....       | 1,563       | 747       | 40,900     |
| Monroe.....       |             |           |            |
| Nassau.....       |             |           |            |
| Orange.....       | 71          | 6         | 1,288      |
| Osceola.....      | 11          | 4         | 450        |
| Pasco.....        | 94          | 94        | 9,400      |
| Polk.....         | 110         | 112       | 2,960      |
| Putnam.....       | 71          | 36        | 1,150      |
| St. Johns.....    | 61          | 64        | 6,512      |
| Santa Rosa.....   | 2           | 1         | 75         |
| Sumter.....       | 1,811       | 585       | 39,139     |
| Suwannee.....     |             |           |            |
| Taylor.....       |             |           |            |
| Volusia.....      | 359         | 65        | 9,888      |
| Wakulla.....      |             |           |            |
| Walton.....       | 2           | 2         | 130        |
| Washington.....   |             |           |            |
| Total.....        | 6,692       | 3,245     | \$ 208,681 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | CANTALOUPE\$ |        |           |
|-------------------|--------------|--------|-----------|
|                   | Acres        | Crates | Value     |
| Alachua.....      | 337          | 31,143 | \$ 32,038 |
| Baker.....        |              |        |           |
| Bradford.....     |              |        |           |
| Brevard.....      |              |        |           |
| Calhoun.....      |              |        |           |
| Citrus.....       |              |        |           |
| Clay.....         |              |        |           |
| Columbia.....     |              |        |           |
| Dade.....         |              |        |           |
| De Soto.....      |              |        |           |
| Duval.....        | 2            | 84     | 138       |
| Escambia.....     | 8            | 669    | 690       |
| Franklin.....     |              |        |           |
| Gadsden.....      |              |        |           |
| Hamilton.....     |              |        |           |
| Hernando.....     | 1            | 50     | 60        |
| Hillsborough..... | 30           | 1,435  | 2,718     |
| Holmes.....       |              |        |           |
| Jackson.....      |              |        |           |
| Jefferson.....    | 1            | 2      | 10        |
| Lafayette.....    |              |        |           |
| Lake.....         | 29           | 800    | 1,080     |
| Lee.....          |              |        |           |
| Leon.....         |              |        |           |
| Levy.....         | 4            | 82     | 42        |
| Liberty.....      |              |        |           |
| Madison.....      |              |        |           |
| Manatee.....      |              |        |           |
| Marion.....       | 731          | 15,400 | 17,900    |
| Monroe.....       |              |        |           |
| Nassau.....       |              |        |           |
| Orange.....       |              |        |           |
| Osceola.....      |              |        |           |
| Pasco.....        | 61           | 7,880  | 10,440    |
| Polk.....         | 13           | 495    | 750       |
| Putnam.....       | 1            | 20     | 35        |
| St. Johns.....    | 2            | 400    | 460       |
| Santa Rosa.....   |              |        |           |
| Sumter.....       | 59           | 3,900  | 3,595     |
| Suwannee.....     |              |        |           |
| Taylor.....       |              |        |           |
| Volusia.....      |              |        |           |
| Wakulla.....      |              |        |           |
| Walton.....       | 1            | 30     | 10        |
| Washington.....   |              |        |           |
| Total.....        | 1,280        | 62,390 | \$ 70,066 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | ENGLISH PEAS |        |           |
|-------------------|--------------|--------|-----------|
|                   | Acres        | Crates | Value     |
| Alachua.....      | 43           | 1,187  | \$ 1,985  |
| Packer.....       |              |        |           |
| Bradford.....     |              |        |           |
| Brevard.....      |              |        |           |
| Calhoun.....      |              |        |           |
| Citrus.....       | 2            | 120    | 180       |
| Clay.....         |              |        |           |
| Columbia.....     |              |        |           |
| Dade.....         |              |        |           |
| De Soto.....      |              |        |           |
| Duval.....        | 18           | 623    | 649       |
| Escambia.....     |              |        |           |
| Franklin.....     |              |        |           |
| Gadsden.....      | 1            | 24     | 16        |
| Hamilton.....     |              |        |           |
| Hernando.....     |              |        |           |
| Hillsborough..... | 1            | 97     | 141       |
| Holmes.....       |              |        |           |
| Jackson.....      |              |        |           |
| Jefferson.....    |              |        |           |
| Lafayette.....    |              |        |           |
| Lake.....         | 117          | 7,476  | 9,023     |
| Lee.....          |              |        |           |
| Leon.....         |              |        |           |
| Levy.....         | 3            | 145    | 145       |
| Liberty.....      |              |        |           |
| Madison.....      |              |        |           |
| Manatee.....      |              |        |           |
| Marion.....       | 19           | 1,880  | 2,500     |
| Monroe.....       |              |        |           |
| Nassau.....       |              |        |           |
| Orange.....       | 2            | 75     | 70        |
| Osceola.....      |              |        |           |
| Pasco.....        | 425          | 37,300 | 52,550    |
| Polk.....         | 3            | 402    | 517       |
| Putnam.....       |              |        |           |
| St. Johns.....    | 2            | 210    | 225       |
| Santa Rosa.....   |              |        |           |
| Sumter.....       | 1            | 75     | 100       |
| Suwannee.....     |              |        |           |
| Taylor.....       |              |        |           |
| Volusia.....      | 3            | 220    | 315       |
| Wakulla.....      |              |        |           |
| Walton.....       |              |        |           |
| Washington.....   |              |        |           |
| Total.....        | 640          | 49,834 | \$ 68,416 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | BEETS |        |           |
|-------------------|-------|--------|-----------|
|                   | Acres | Crates | Value     |
| Alachua.....      | 9     | 740    | \$ 690    |
| Baker.....        |       |        |           |
| Bradford.....     |       |        |           |
| Brevard.....      |       |        |           |
| Calhoun.....      |       |        |           |
| Citrus.....       | 5     | 620    | 745       |
| Clay.....         |       |        |           |
| Columbia.....     | 3     | 40     | 120       |
| Dade.....         |       |        |           |
| De Soto.....      | 1     | 30     | 30        |
| Duval.....        | 1     | 25     | 25        |
| Escambia.....     |       |        |           |
| Franklin.....     |       |        |           |
| Gadsden.....      | 1     | 108    | 54        |
| Hamilton.....     |       |        |           |
| Hernando.....     |       |        |           |
| Hillsborough..... | 8     | 270    | 610       |
| Holmes.....       |       |        |           |
| Jackson.....      |       |        |           |
| Jefferson.....    |       |        |           |
| Lafayette.....    |       |        |           |
| Lake.....         | 1     | 55     | 80        |
| Lee.....          |       |        |           |
| Leon.....         | 1     | 17     | 29        |
| Levy.....         |       |        |           |
| Liberty.....      |       |        |           |
| Madison.....      |       |        |           |
| Manatee.....      | 2     | 420    | 320       |
| Marion.....       | 48    | 5,850  | 5,950     |
| Monroe.....       |       |        |           |
| Nassau.....       |       |        |           |
| Orange.....       | 2     | 220    | 325       |
| Osceola.....      |       |        |           |
| Pasco.....        | 55    | 5,265  | 6,640     |
| Polk.....         | 3     | 520    | 1,012     |
| Putnam.....       |       |        |           |
| St. Johns.....    | 3     | 565    | 980       |
| Santa Rosa.....   |       |        |           |
| Sumter.....       | 30    | 6,421  | 4,730     |
| Suwannee.....     |       |        |           |
| Taylor.....       |       |        |           |
| Volusia.....      | 5     | 945    | 1,105     |
| Wakulla.....      |       |        |           |
| Walton.....       |       |        |           |
| Washington.....   |       |        |           |
| Total.....        | 178   | 22,111 | \$ 23,145 |

TABLE NO. 2. VEGETABLE AND GARDEN PRODUCTS—1903—Continued.

| Counties.         | BEANS |         |            |
|-------------------|-------|---------|------------|
|                   | Acres | Crates  | Value      |
| Alachua.....      | 163   | 11,253  | \$ 13,037  |
| Baker.....        |       |         |            |
| Bradford.....     | 38    | 3,490   | 2,620      |
| Brevard.....      | 346   | 41,635  | 37,335     |
| Calhoun.....      |       |         |            |
| Citrus.....       | 21    | 2,145   | 2,205      |
| Clay.....         |       |         |            |
| Columbia.....     | 1     | 30      | 45         |
| Dade.....         | 25    | 2,500   | 4,860      |
| De Soto.....      | 281   | 45,732  | 52,124     |
| Duval.....        | 62    | 2,179   | 1,656      |
| Escambia.....     | 2     | 190     | 220        |
| Franklin.....     |       |         |            |
| Gadsden.....      | 6     | 292     | 630        |
| Hamilton.....     |       |         |            |
| Hernando.....     | 11    | 1,410   | 1,035      |
| Hillsborough..... | 82    | 7,432   | 7,017      |
| Holmes.....       |       |         |            |
| Jackson.....      |       |         |            |
| Jefferson.....    |       |         |            |
| Lafayette.....    |       |         |            |
| Lake.....         | 182   | 11,966  | 17,045     |
| Lee.....          |       |         |            |
| Leon.....         |       |         |            |
| Levy.....         | 18    | 749     | 940        |
| Liberty.....      |       |         |            |
| Madison.....      |       |         |            |
| Manatee.....      | 12    | 1,478   | 1,616      |
| Marion.....       | 214   | 17,150  | 16,950     |
| Monroe.....       |       |         |            |
| Nassau.....       |       |         |            |
| Orange.....       | 14    | 1,190   | 1,435      |
| Osceola.....      | 35    | 2,866   | 2,866      |
| Pasco.....        | 510   | 45,396  | 53,040     |
| Polk.....         | 57    | 4,702   | 5,430      |
| Putnam.....       | 1     | 40      | 60         |
| St. Johns.....    | 3     | 435     | 645        |
| Santa Rosa.....   |       |         |            |
| Sumter.....       | 383   | 27,739  | 24,868     |
| Suwannee.....     |       |         |            |
| Taylor.....       |       |         |            |
| Volusia.....      | 7     | 783     | 980        |
| Wakulla.....      |       |         |            |
| Walton.....       | 2     | 30      | 30         |
| Washington.....   |       |         |            |
| Total.....        | 2,476 | 232,731 | \$ 248,689 |

TABLE NO. 3. FRUIT CROPS—1903.

| Counties.         | ORANGES       |                   |              |              |
|-------------------|---------------|-------------------|--------------|--------------|
|                   | Bearing Trees | Non-Bearing Trees | No. of Boxes | Value        |
| Alachua.....      | 4,529         | 8,100             | 2,078        | \$ 4,008     |
| Baker.....        | 250           | 140               | 225          | 335          |
| Bradford.....     |               |                   |              |              |
| Brevard.....      | 289,990       | 122,555           | 392,620      | 775,435      |
| Calhoun.....      | 15            | 500               | 15           | 35           |
| Citrus.....       | 1,586         | 9,870             | 2,920        | 5,770        |
| Clay.....         | 150           | 170               | 50           | 75           |
| Columbia.....     | 3             | 13                | 3            | 6            |
| Dade.....         | 1,670         | 5,690             | 2,610        | 4,535        |
| De Soto.....      | 84,410        | 141,399           | 370,355      | 372,594      |
| Duval.....        |               |                   |              |              |
| Escambia.....     |               |                   |              |              |
| Franklin.....     |               |                   |              |              |
| Gadsden.....      |               |                   |              |              |
| Hamilton.....     |               |                   |              |              |
| Hernando.....     | 920           | 21,910            | 550          | 1,285        |
| Hillsborough..... | 156,572       | 132,229           | 371,641      | 522,276      |
| Holmes.....       |               |                   |              |              |
| Jackson.....      |               |                   |              |              |
| Jefferson.....    |               |                   |              |              |
| Lafayette.....    | 5             |                   | 1            | 5            |
| Lake.....         | 73,373        | 183,933           | 53,577       | 60,037       |
| Lee.....          | 28,745        | 217,665           | 78,460       | 78,460       |
| Leon.....         |               | 63                |              |              |
| Levy.....         | 28            | 228               | 3            | 6            |
| Liberty.....      |               |                   |              |              |
| Madison.....      |               |                   |              |              |
| Manatee.....      | 82,583        | 96,245            | 153,129      | 165,289      |
| Marion.....       | 4,275         | 1,020             | 11,475       | 18,725       |
| Monroe.....       |               |                   |              |              |
| Nassau.....       |               |                   |              |              |
| Orange.....       | 167,823       | 288,790           | 160,148      | 217,152      |
| Osceola.....      | 29,444        | 37,014            | 69,275       | 86,056       |
| Pasco.....        | 16,045        | 134,480           | 24,270       | 37,125       |
| Polk.....         | 117,931       | 83,564            | 115,365      | 146,324      |
| Putnam.....       | 19,852        | 154,030           | 23,111       | 30,866       |
| St. Johns.....    | 9,890         | 6,757             | 2,801        | 7,456        |
| Santa Rosa.....   |               |                   |              |              |
| Sumter.....       | 7,840         | 19,530            | 18,622       | 22,535       |
| Suwannee.....     |               |                   |              |              |
| Taylor.....       |               |                   |              |              |
| Volusia.....      | 181,433       | 235,872           | 97,519       | 191,497      |
| Wakulla.....      |               |                   |              |              |
| Walton.....       |               |                   |              |              |
| Washington.....   |               |                   |              |              |
| Ttotal.....       | 1,219,354     | 1,901,767         | 1,950,823    | \$ 2,747,887 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| Counties.         | LEMONS        |                   |              |          |
|-------------------|---------------|-------------------|--------------|----------|
|                   | Bearing Trees | Non-Bearing Trees | No. of Boxes | Value    |
| Alachua.....      | 4             |                   | 2            | \$ 3     |
| Baker.....        |               |                   |              |          |
| Bradford.....     |               |                   |              |          |
| Brevard.....      |               |                   |              |          |
| Calhoun.....      |               |                   |              |          |
| Citrus.....       |               |                   |              |          |
| Clay.....         |               |                   |              |          |
| Columbia.....     |               |                   |              |          |
| Dade.....         |               |                   |              |          |
| De Soto.....      | 55            | 170               | 106          | 127      |
| Duval.....        |               |                   |              |          |
| Escambia.....     |               |                   |              |          |
| Franklin.....     |               |                   |              |          |
| Gadsden.....      |               |                   |              |          |
| Hamilton.....     |               |                   |              |          |
| Hernando.....     |               |                   |              |          |
| Hillsborough..... | 3,359         | 4,075             | 160          | 1,830    |
| Holmes.....       |               |                   |              |          |
| Jackson.....      |               |                   |              |          |
| Jefferson.....    |               |                   |              |          |
| Lafayette.....    |               |                   |              |          |
| Lake.....         | 162           | 671               | 196          | 291      |
| Lee.....          | 100           | 100               | 50           | 50       |
| Leon.....         |               | 6                 |              |          |
| Levy.....         | 12            |                   |              |          |
| Liberty.....      |               |                   |              |          |
| Madison.....      |               |                   |              |          |
| Manatee.....      | 6,287         | 2,211             | 3,249        | 5,037    |
| Marion.....       |               |                   |              |          |
| Monroe.....       |               |                   |              |          |
| Nassau.....       |               |                   |              |          |
| Orange.....       | 16            | 661               | 19           | 21       |
| Osceola.....      |               |                   |              |          |
| Pasco.....        | 178           | 1,335             | 245          | 555      |
| Polk.....         |               |                   |              |          |
| Putnam.....       |               |                   |              |          |
| St. Johns.....    |               |                   |              |          |
| Santa Rosa.....   |               |                   |              |          |
| Sumter.....       |               |                   |              |          |
| Suwannee.....     |               |                   |              |          |
| Taylor.....       |               |                   |              |          |
| Volusia.....      | 324           |                   | 105          | 314      |
| Wakulla.....      |               |                   |              |          |
| Walton.....       |               |                   |              |          |
| Washington.....   |               |                   |              |          |
| Total.....        | 10,497        | 9,229             | 4,131        | \$ 8,228 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| Counties.         | LIMES |        |        |
|-------------------|-------|--------|--------|
|                   | Trees | Crates | Value  |
| Alachua.....      |       |        | \$     |
| Baker.....        |       |        |        |
| Bradford.....     |       |        |        |
| Brevard.....      |       |        |        |
| Calhoun.....      |       |        |        |
| Citrus.....       |       |        |        |
| Clay.....         |       |        |        |
| Columbia.....     |       |        |        |
| Dade.....         | 10    | 30     | 20     |
| De Soto.....      | 51    | 106    | 111    |
| Duval.....        |       |        |        |
| Escambia.....     |       |        |        |
| Franklin.....     |       |        |        |
| Gadsden.....      |       |        |        |
| Hamilton.....     |       |        |        |
| Hernando.....     |       |        |        |
| Hillsborough..... |       |        |        |
| Holmes.....       |       |        |        |
| Jackson.....      |       |        |        |
| Jefferson.....    |       |        |        |
| Lafayette.....    |       |        |        |
| Lake.....         | 119   | 6      | 7      |
| Lee.....          | 100   | 50     | 25     |
| Leon.....         |       |        |        |
| Levy.....         |       |        |        |
| Liberty.....      |       |        |        |
| Madison.....      |       |        |        |
| Manatee.....      | 9     | 7      | 7      |
| Marion.....       |       |        |        |
| Monroe.....       |       |        |        |
| Nassau.....       |       |        |        |
| Orange.....       |       |        |        |
| Osceola.....      |       |        |        |
| Pasco.....        |       |        |        |
| Polk.....         |       |        |        |
| Putnam.....       |       |        |        |
| St. Johns.....    |       |        |        |
| Santa Rosa.....   |       |        |        |
| Sumter.....       |       |        |        |
| Suwannee.....     |       |        |        |
| Taylor.....       |       |        |        |
| Volusia.....      | 7     | 13     | 34     |
| Wakulla.....      |       |        |        |
| Walton.....       |       |        |        |
| Washington.....   |       |        |        |
| Total.....        | 296   | 112    | \$ 204 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| Counties.         | GRAPE FRUIT |        |            |
|-------------------|-------------|--------|------------|
|                   | Trees       | Crates | Value      |
| Alachua.....      | 477         | 684    | \$ 917     |
| Baker.....        |             |        |            |
| Bradford.....     |             |        |            |
| Brevard.....      | 5,990       | 4,275  | 17,255     |
| Calhoun.....      |             |        |            |
| Citrus.....       | 170         | 110    | 300        |
| Clay.....         |             |        |            |
| Columbia.....     |             |        |            |
| Dade.....         | 660         | 265    | 450        |
| De Soto.....      | 8,700       | 20,667 | 70,072     |
| Duval.....        |             |        |            |
| Escambia.....     |             |        |            |
| Franklin.....     |             |        |            |
| Gadsden.....      |             |        |            |
| Hamilton.....     |             |        |            |
| Hernando.....     | 349         | 168    | 530        |
| Hillsborough..... | 22,555      | 8,673  | 72,313     |
| Holmes.....       |             |        |            |
| Jackson.....      |             |        |            |
| Jefferson.....    |             |        |            |
| Lafayette.....    |             |        |            |
| Lake.....         | 8,507       | 4,308  | 12,046     |
| Lee.....          | 78,260      | 11,235 | 33,705     |
| Leon.....         |             |        |            |
| Levy.....         |             |        |            |
| Liberty.....      |             |        |            |
| Madison.....      |             |        |            |
| Manatee.....      | 40,191      | 17,263 | 48,042     |
| Marion.....       | 2,580       | 4,600  | 11,800     |
| Monroe.....       |             |        |            |
| Nassau.....       |             |        |            |
| Orange.....       | 12,174      | 3,811  | 12,311     |
| Osceola.....      | 4,717       | 5,085  | 15,031     |
| Pasco.....        | 7,209       | 564    | 1,754      |
| Polk.....         | 11,891      | 8,462  | 25,951     |
| Putnam.....       | 2,813       | 623    | 1,704      |
| St. Johns.....    | 666         | 371    | 1,233      |
| Santa Rosa.....   |             |        |            |
| Sumter.....       | 100         | 100    | 300        |
| Suwannee.....     |             |        |            |
| Taylor.....       |             |        |            |
| Volusia.....      | 9,906       | 4,922  | 14,672     |
| Wakulla.....      |             |        |            |
| Walton.....       |             |        |            |
| Washington.....   |             |        |            |
| Total.....        | 218,206     | 96,186 | \$ 340,386 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| Counties.         | PINEAPPLES    |            |
|-------------------|---------------|------------|
|                   | No. of Crates | Value      |
| Alachua.....      | 160           | \$ 500     |
| Baker.....        |               |            |
| Bradford.....     |               |            |
| Brevard.....      | 227,522       | 296,140    |
| Calhoun.....      |               |            |
| Citrus.....       |               |            |
| Clay.....         |               |            |
| Columbia.....     |               |            |
| Dade.....         |               |            |
| De Soto.....      | 10,445        | 18,018     |
| Duval.....        |               |            |
| Escambia.....     |               |            |
| Franklin.....     |               |            |
| Gadsden.....      |               |            |
| Hamilton.....     |               |            |
| Hernando.....     |               |            |
| Hillsborough..... | 23,172        | 47,009     |
| Holmes.....       |               |            |
| Jackson.....      |               |            |
| Jefferson.....    |               |            |
| Lafayette.....    |               |            |
| Lake.....         | 335           | 505        |
| Lee.....          | 22,800        | 26,800     |
| Leon.....         |               |            |
| Levy.....         |               |            |
| Liberty.....      |               |            |
| Madison.....      |               |            |
| Manatee.....      | 718           | 1,601      |
| Marion.....       |               |            |
| Monroe.....       |               |            |
| Nassau.....       |               |            |
| Orange.....       | 19,690        | 38,375     |
| Osceola.....      | 260           | 470        |
| Pasco.....        | 40            | 100        |
| Polk.....         | 446           | 591        |
| Putnam.....       |               |            |
| St. Johns.....    |               |            |
| Santa Rosa.....   |               |            |
| Sumpter.....      |               |            |
| Suwannee.....     |               |            |
| Taylor.....       |               |            |
| Volusia.....      | 818           | 1,798      |
| Wakulla.....      |               |            |
| Walton.....       |               |            |
| Washington.....   |               |            |
| Totals.....       | 306,406       | \$ 431,907 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| Counties.         | BANANAS |          |
|-------------------|---------|----------|
|                   | Bunches | Value    |
| Alachua.....      | 37      | 16       |
| Baker.....        |         |          |
| Bradford.....     |         |          |
| Brevard.....      |         |          |
| Calhoun.....      |         |          |
| Citrus.....       |         |          |
| Clay.....         |         |          |
| Columbia.....     |         |          |
| Dade.....         |         |          |
| De Soto.....      | 54      | 27       |
| Duval.....        | 23      | 19       |
| Escambia.....     |         |          |
| Franklin.....     |         |          |
| Gadsden.....      |         |          |
| Hamilton.....     |         |          |
| Hernando.....     |         |          |
| Hillsborough..... | 224     | 95       |
| Holmes.....       |         |          |
| Jackson.....      |         |          |
| Jefferson.....    |         |          |
| Lafayette.....    |         |          |
| Lake.....         | 386     | 193      |
| Lee.....          |         |          |
| Leon.....         |         |          |
| Levy.....         |         |          |
| Liberty.....      |         |          |
| Madison.....      |         |          |
| Manatee.....      | 80      | 41       |
| Marion.....       |         |          |
| Monroe.....       |         |          |
| Nassau.....       |         |          |
| Orange.....       | 1,600   | 900      |
| Osceola.....      | 100     | 75       |
| Pasco.....        |         |          |
| Polk.....         | 400     | 200      |
| Putnam.....       |         |          |
| St. Johns.....    | 135     | 135      |
| Santa Rosa.....   |         |          |
| Sumter.....       |         |          |
| Suwannee.....     |         |          |
| Taylor.....       |         |          |
| Volusia.....      |         |          |
| Wakulla.....      |         |          |
| Walton.....       |         |          |
| Washington.....   |         |          |
| Total.....        | 3,039   | \$ 1,701 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | AVOCADO PEARS |          |
|--------------------------|---------------|----------|
|                          | Crates        | Value    |
| Alachua.....             |               | \$ ..... |
| Baker.....               |               | .....    |
| Bradford.....            |               | .....    |
| Brevard.....             |               | .....    |
| Calhoun.....             |               | .....    |
| Citrus.....              |               | .....    |
| Clay.....                |               | .....    |
| Columbia.....            |               | .....    |
| Dade.....                | 45            | 45       |
| De Soto.....             | 9             | 23       |
| Duval.....               |               | .....    |
| Escambia.....            |               | .....    |
| Franklin.....            |               | .....    |
| Gadsden.....             |               | .....    |
| Hamilton.....            |               | .....    |
| Hernando.....            |               | .....    |
| Hillsborough.....        |               | .....    |
| Holmes.....              |               | .....    |
| Jackson.....             |               | .....    |
| Jefferson.....           |               | .....    |
| Lafayette.....           |               | .....    |
| Lake.....                |               | .....    |
| Lee.....                 | 140           | 330      |
| Leon.....                |               | .....    |
| Levy.....                | 5             | 5        |
| Liberty.....             |               | .....    |
| Madison.....             |               | .....    |
| Manatee.....             |               | .....    |
| Marion.....              |               | .....    |
| Monroe.....              |               | .....    |
| Nassau.....              |               | .....    |
| Orange.....              |               | .....    |
| Osceola.....             |               | .....    |
| Pasco.....               |               | .....    |
| Polk.....                |               | .....    |
| Putnam.....              |               | .....    |
| St. Johns.....           |               | .....    |
| Santa Rosa.....          |               | .....    |
| Sumter.....              |               | .....    |
| Suwannee.....            |               | .....    |
| Taylor.....              |               | .....    |
| Volusia.....             |               | .....    |
| Wakulla.....             |               | .....    |
| Walton.....              |               | .....    |
| Washington.....          |               | .....    |
| Total.....               | 199           | \$ 402   |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | GUAVAS |           |
|--------------------------|--------|-----------|
|                          | Crates | Value     |
| Alachua.....             |        | \$ .....  |
| Baker.....               |        | .....     |
| Bradford.....            |        | .....     |
| Brevard.....             | 1,230  | 610       |
| Calhoun.....             |        | .....     |
| Citrus.....              |        | .....     |
| Clay.....                |        | .....     |
| Columbia.....            |        | .....     |
| Dade.....                | 560    | 280       |
| De Soto.....             | 10,268 | 10,269    |
| Duval.....               |        | .....     |
| Escambia.....            |        | .....     |
| Franklin.....            |        | .....     |
| Gadsden.....             |        | .....     |
| Hamilton.....            |        | .....     |
| Hernando.....            |        | .....     |
| Hillsborough.....        | 472    | 282       |
| Holmes.....              |        | .....     |
| Jackson.....             |        | .....     |
| Jefferson.....           |        | .....     |
| Lafayette.....           |        | .....     |
| Lake.....                | 574    | 496       |
| Lee.....                 | 160    | 155       |
| Leon.....                |        | .....     |
| Levy.....                |        | .....     |
| Liberty.....             |        | .....     |
| Madison.....             |        | .....     |
| Manatee.....             | 257    | 257       |
| Marion.....              |        | .....     |
| Monroe.....              |        | .....     |
| Nassau.....              |        | .....     |
| Orange.....              |        | .....     |
| Osceola.....             |        | .....     |
| Pasco.....               |        | .....     |
| Polk.....                |        | .....     |
| Putnam.....              |        | .....     |
| St. Johns.....           | 51     | 125       |
| Santa Rosa.....          |        | .....     |
| Sumpter.....             |        | .....     |
| Suwannee.....            |        | .....     |
| Taylor.....              |        | .....     |
| Volusia.....             | 158    | 224       |
| Wakulla.....             |        | .....     |
| Walton.....              |        | .....     |
| Washington.....          |        | .....     |
| Total.....               | 4,530  | \$ 12,499 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | COCOANUTS |      |       |
|--------------------------|-----------|------|-------|
|                          | Trées     | Nuts | Value |
| Alachua.....             |           |      | \$    |
| Baker.....               |           |      |       |
| Bradford.....            |           |      |       |
| Brevard.....             |           |      |       |
| Calhoun.....             |           |      |       |
| Citrus.....              |           |      |       |
| Clay.....                |           |      |       |
| Columbia.....            |           |      |       |
| Dade.....                |           |      |       |
| De Soto.....             | 53        | 20   | 1     |
| Duval.....               |           |      |       |
| Escambia.....            |           |      |       |
| Franklin.....            |           |      |       |
| Gadsden.....             |           |      |       |
| Hamilton.....            |           |      |       |
| Hernando.....            |           |      |       |
| Hillsborough.....        |           |      |       |
| Holmes.....              |           |      |       |
| Jackson.....             |           |      |       |
| Jefferson.....           |           |      |       |
| Lafayette.....           |           |      |       |
| Lake.....                |           |      |       |
| Lee.....                 |           |      |       |
| Leon.....                |           |      |       |
| Levy.....                |           |      |       |
| Liberty.....             |           |      |       |
| Madison.....             |           |      |       |
| Manatee.....             |           |      |       |
| Marion.....              |           |      |       |
| Monroe.....              |           |      |       |
| Nassau.....              |           |      |       |
| Orange.....              |           |      |       |
| Osceola.....             |           |      |       |
| Pasco.....               |           |      |       |
| Polk.....                |           |      |       |
| Putnam.....              |           |      |       |
| St. Johns.....           |           |      |       |
| Santa Rosa.....          |           |      |       |
| Sumter.....              |           |      |       |
| Suwannee.....            |           |      |       |
| Taylor.....              |           |      |       |
| Volusia.....             |           |      |       |
| Wakulla.....             |           |      |       |
| Walton.....              |           |      |       |
| Washington.....          |           |      |       |
| Total.....               | 53        | 20   | \$ 1  |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | PECANS |         |           |
|--------------------------|--------|---------|-----------|
|                          | Trees  | Bushels | Value     |
| Alachua.....             | 326    | 105     | \$ 316    |
| Baker.....               |        |         |           |
| Bradford.....            | 341    | 184     | 908       |
| Brevard.....             |        |         |           |
| Calhoun.....             |        |         |           |
| Citrus.....              |        |         |           |
| Clay.....                | 6      | 3       | 12        |
| Columbia.....            | 388    | 218     | 872       |
| Dade.....                |        |         |           |
| De Soto.....             | 6      | 3       | 12        |
| Duval.....               |        |         |           |
| Escambia.....            | 720    | 277     | 1,385     |
| Franklin.....            |        |         |           |
| Gadsden.....             | 879    | 90      | 360       |
| Hamilton.....            | 4      | 8       | 24        |
| Hernando.....            | 140    | 10      | 30        |
| Hillsborough.....        |        |         |           |
| Holmes.....              |        |         |           |
| Jackson.....             | 500    | 1       | 1         |
| Jefferson.....           | 132    | 88      | 338       |
| Lafayette.....           |        |         |           |
| Lake.....                | 91     | 19      | 50        |
| Lee.....                 |        |         |           |
| Leon.....                | 6,513  | 7,773   | 7,501     |
| Levy.....                | 399    | 123     | 412       |
| Liberty.....             |        |         |           |
| Madison.....             |        |         |           |
| Manatee.....             |        |         |           |
| Marion.....              |        |         |           |
| Monroe.....              |        |         |           |
| Nassau.....              | 323    | 382     | 733       |
| Orange.....              | 33     | 11      | 28        |
| Osceola.....             | 1,043  |         |           |
| Pasco.....               | 1,776  |         |           |
| Polk.....                |        |         |           |
| Putnam.....              |        |         |           |
| St. Johns.....           | 877    | 238     | 926       |
| Santa Rosa.....          | 3,834  | 587     | 2,393     |
| Sumter.....              | 2      | 1       | 4         |
| Suwannee.....            | 132    | 48      | 198       |
| Taylor.....              |        |         |           |
| Volusia.....             | 2,909  | 51      | 100       |
| Wakulla.....             |        |         |           |
| Walton.....              | 105    | 27      | 110       |
| Washington.....          |        |         |           |
| Total.....               | 21,479 | 4,379   | \$ 16,263 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | STRAWBERRIES |           |            |
|--------------------------|--------------|-----------|------------|
|                          | Acres        | Quarts    | Value      |
| Alachua.....             | 13           | 11,600    | \$ 3,770   |
| Baker.....               |              |           |            |
| Bradford.....            | 444          | 771,120   | 155,220    |
| Brevard.....             |              |           |            |
| Calhoun.....             |              |           |            |
| Citrus.....              | 1            | 1,200     | 180        |
| Clay.....                | 19           | 14,211    | 7,567      |
| Columbia.....            |              |           |            |
| Dade.....                |              |           |            |
| De Soto.....             | 2            | 3,350     | 535        |
| Duval.....               | 32           | 23,964    | 2,889      |
| Escambia.....            | 9            | 4,370     | 420        |
| Franklin.....            |              |           |            |
| Gadsden.....             | 1            | 666       | 66         |
| Hamilton.....            |              |           |            |
| Hernando.....            | 8            | 5,060     | 1,045      |
| Hillsborough.....        | 305          | 789,896   | 77,086     |
| Holmes.....              |              |           |            |
| Jackson.....             | 1            | 2,500     | 200        |
| Jefferson.....           | 1            | 160       | 20         |
| Lafayette.....           |              |           |            |
| Lake.....                | 1            | 1,200     | 150        |
| Lee.....                 |              |           |            |
| Leon.....                | 1            | 1,126     | 275        |
| Levy.....                |              |           |            |
| Liberty.....             |              |           |            |
| Madison.....             |              |           |            |
| Manatee.....             |              |           |            |
| Marion.....              |              |           |            |
| Monroe.....              |              |           |            |
| Nassau.....              |              |           |            |
| Orange.....              | 5            | 2,500     | 350        |
| Osceola.....             |              |           |            |
| Pasco.....               | 94           | 93,000    | 9,300      |
| Polk.....                | 190          | 320,550   | 46,993     |
| Putnam.....              | 18           | 20,176    | 1,129      |
| St. Johns.....           | 3            | 5,700     | 727        |
| Santa Rosa.....          |              |           |            |
| Sumter.....              |              |           |            |
| Suwannee.....            |              |           |            |
| Taylor.....              |              |           |            |
| Volusia.....             | 16           | 16,140    | 1,931      |
| Wakulla.....             |              |           |            |
| Walton.....              |              |           |            |
| Washington.....          |              |           |            |
| Total.....               | 1,073        | 2,088,483 | \$ 309,853 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | PEARS  |         |           |
|--------------------------|--------|---------|-----------|
|                          | Trees  | Barrels | Value     |
| Alachua.....             | 3,151  | 1,096   | \$ 2,085  |
| Baker.....               | 2,664  | 1,547   | 1,520     |
| Bradford.....            |        |         |           |
| Brevard.....             |        |         |           |
| Calhoun.....             | 294    | 515     | 841       |
| Citrus.....              | 763    | 738     | 1,515     |
| Clay.....                | 2,202  | 436     | 1,309     |
| Columbia.....            | 1,423  | 617     | 1,263     |
| Dade.....                |        |         |           |
| De Soto.....             | 28     | 58      | 121       |
| Duval.....               | 2,138  | 543     | 620       |
| Escambia.....            | 2,970  | 2,548   | 2,375     |
| Franklin.....            |        |         |           |
| Gadsden.....             |        |         |           |
| Hamilton.....            | 10     | 15      | 15        |
| Hernando.....            | 30     | 20      | 40        |
| Hillsborough.....        | 1,075  | 285     | 654       |
| Holmes.....              |        |         |           |
| Jackson.....             | 150    | 270     | 320       |
| Jefferson.....           | 6,468  | 4,453   | 5,759     |
| Lafayette.....           | 283    | 729     | 1,165     |
| Lake.....                | 2,321  | 1,191   | 2,806     |
| Lee.....                 |        |         |           |
| Leon.....                | 8,371  | 3,673   | 6,376     |
| Levy.....                | 1,672  | 635     | 693       |
| Liberty.....             |        |         |           |
| Madison.....             | 45     | 36      | 108       |
| Manatee.....             | 28     | 12      | 24        |
| Marion.....              | 155    | 225     | 410       |
| Monroe.....              |        |         |           |
| Nassau.....              | 1,240  | 1,366   | 1,088     |
| Orange.....              | 183    | 131     | 192       |
| Osceola.....             | 60     | 44      | 103       |
| Pasco.....               | 1,258  | 1,390   | 1,510     |
| Polk.....                |        |         |           |
| Putnam.....              | 255    | 272     | 502       |
| St. Johns.....           | 2,332  | 934     | 1,870     |
| Santa Rosa.....          | 1,217  | 515     | 331       |
| Sumter.....              | 428    | 586     | 840       |
| Suwannee.....            | 715    | 1,699   | 2,480     |
| Taylor.....              | 51     | 47      | 173       |
| Volusia.....             | 3,575  | 1,931   | 1,931     |
| Wakulla.....             |        |         |           |
| Walton.....              | 425    | 872     | 830       |
| Washington.....          |        |         |           |
| Total.....               | 48,030 | 29,429  | \$ 41,869 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | PEACHES |         |            |
|--------------------------|---------|---------|------------|
|                          | Trees   | Bushels | Value      |
| Alachua.....             | 7,443   | 3,437   | \$ 3,307   |
| Baker.....               | 9,091   | 5,356   | 3,705      |
| Bradford.....            | 13,353  | 7,436   | 7,436      |
| Brevard.....             |         |         |            |
| Calhoun.....             | 3,005   | 4,485   | 4,640      |
| Citrus.....              | 5,300   | 2,405   | 4,045      |
| Clay.....                | 5,127   | 2,721   | 2,550      |
| Columbia.....            | 5,350   | 4,926   | 4,908      |
| Dade.....                |         |         |            |
| De Soto.....             | 1,053   | 261     | 334        |
| Duval.....               | 2,082   | 1,278   | 1,060      |
| Escambia.....            | 1,990   | 2,015   | 2,175      |
| Franklin.....            |         |         |            |
| Gadsden.....             |         |         |            |
| Hamilton.....            | 281     | 348     | 517        |
| Hernando.....            | 3,290   | 1,754   | 2,341      |
| Hillsborough.....        | 11,437  | 2,243   | 3,554      |
| Holmes.....              | 10,232  | 2,621   | 2,614      |
| Jackson.....             |         |         |            |
| Jefferson.....           | 337     | 411     | 407        |
| Lafayette.....           | 1,142   | 1,781   | 2,300      |
| Lake.....                | 9,183   | 4,721   | 10,870     |
| Lee.....                 |         |         |            |
| Leon.....                | 3,013   | 1,973   | 1,966      |
| Levy.....                | 1,541   | 611     | 631        |
| Liberty.....             |         |         |            |
| Madison.....             | 149     | 155     | 155        |
| Manatee.....             | 296     | 75      | 225        |
| Marion.....              | 2,700   | 500     | 660        |
| Monroe.....              |         |         |            |
| Nassau.....              | 1,328   | 1,557   | 1,622      |
| Orange.....              | 981     | 540     | 670        |
| Osceola.....             | 1,165   | 301     | 316        |
| Pasco.....               | 7,745   | 6,865   | 9,065      |
| Polk.....                | 3,150   | 828     | 940        |
| Putnam.....              | 20,571  | 4,316   | 7,592      |
| St. Johns.....           | 6,140   | 2,695   | 5,391      |
| Santa Rosa.....          | 10,888  | 6,830   | 5,739      |
| Sumter.....              | 1,262   | 1,593   | 1,524      |
| Suwannee.....            | 5,267   | 7,079   | 5,417      |
| Taylor.....              | 234     | 263     | 276        |
| Volusia.....             | 63,222  | 20,343  | 16,528     |
| Wakulla.....             |         |         |            |
| Walton.....              | 5,721   | 7,761   | 6,881      |
| Washington.....          |         |         |            |
| Total.....               | 224,539 | 112,485 | \$ 122,361 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | GRAPE VINES |           |         |           |
|--------------------------|-------------|-----------|---------|-----------|
|                          | Grapes      |           | Wines   |           |
|                          | Lbs.        | Value     | Gallons | Value     |
| Alachua.....             |             |           |         |           |
| Baker.....               | 27,892      | \$ 937    |         | \$ .....  |
| Bradford.....            | 35,550      | 1,780     |         | .....     |
| Brevard.....             |             |           |         | .....     |
| Calhoun.....             |             |           |         | .....     |
| Citrus.....              | 500         | 25        | 100     | 150       |
| Clay.....                | 43,500      | 3,360     |         | .....     |
| Columbia.....            | 7,100       | 259       | 3,228   | 3,229     |
| Dade.....                | 24,220      | 1,077     | 903     | 921       |
| De Soto.....             |             |           |         | .....     |
| Duval.....               | 3,934       | 393       |         | .....     |
| Escambia.....            | 24,709      | 1,349     | 763     | 531       |
| Franklin.....            | 9,000       | 425       | 40      | 40        |
| Gadsden.....             |             |           |         | .....     |
| Hamilton.....            |             |           |         | .....     |
| Hernando.....            |             |           | 60      | 60        |
| Hillsborough.....        |             |           |         | .....     |
| Holmes.....              | 8,181       | 580       | 168     | 179       |
| Jackson.....             |             |           |         | .....     |
| Jefferson.....           |             |           |         | .....     |
| Lafayette.....           | 360         | 34        | 740     | 740       |
| Lake.....                | 100         | 15        | 200     | 200       |
| Lee.....                 | 8,120       | 591       | 360     | 490       |
| Leon.....                |             |           |         | .....     |
| Levy.....                | 2,550       | 118       | 2,360   | 2,560     |
| Liberty.....             | 2,780       | 547       | 800     | 800       |
| Madison.....             |             |           |         | .....     |
| Manatee.....             | 7,000       | 295       | 335     | 335       |
| Marion.....              | 1,307       | 284       |         | .....     |
| Monroe.....              |             |           |         | .....     |
| Nassau.....              |             |           |         | .....     |
| Orange.....              |             |           |         | .....     |
| Osceola.....             | 2,605       | 265       | 1,405   | 1,455     |
| Pasco.....               | 1,200       | 120       | 50      | 10        |
| Polk.....                | 3,800       | 380       | 1,560   | 1,560     |
| Putnam.....              |             |           |         | .....     |
| St. Johns.....           | 10,000      | 205       |         | .....     |
| Santa Rosa.....          | 180,450     | 3,696     | 10,822  | 10,822    |
| Sumter.....              | 2,038       | 230       | 200     | 100       |
| Suwannee.....            | 5,432       | 388       | 80      | 200       |
| Taylor.....              | 1,200       | 55        | 55      | 35        |
| Volusia.....             |             |           |         | .....     |
| Wakulla.....             | 44,190      | 3,508     | 13,020  | 9,514     |
| Walton.....              |             |           |         | .....     |
| Washington.....          | 4,856       | 229       | 40      | 20        |
| Total.....               | 446,374     | \$ 21,145 | 27,289  | \$ 33,951 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | FIGS   |          |
|--------------------------|--------|----------|
|                          | Crates | Value    |
| Alachua.....             | 67     | \$ 131   |
| Baker.....               |        |          |
| Bradford.....            |        |          |
| Brevard.....             |        |          |
| Calhoun.....             |        |          |
| Citrus.....              |        |          |
| Clay.....                | 1      | 5        |
| Columbia.....            | 8      | 8        |
| Dade.....                |        |          |
| De Soto.....             | 10     | 15       |
| Duval.....               |        |          |
| Escambia.....            |        |          |
| Franklin.....            |        |          |
| Gadsden.....             |        |          |
| Hamilton.....            |        |          |
| Hernando.....            |        |          |
| Hillsborough.....        | 2      | 2        |
| Holmes.....              | 16     | 3        |
| Jackson.....             |        |          |
| Jefferson.....           | 36     | 36       |
| Lafayette.....           |        |          |
| Lake.....                | 48     | 43       |
| Lee.....                 |        |          |
| Leon.....                | 1,465  | 2,348    |
| Levy.....                | 6      | 11       |
| Liberty.....             |        |          |
| Madison.....             |        |          |
| Manatee.....             |        |          |
| Marion.....              |        |          |
| Monroe.....              |        |          |
| Nassau.....              |        |          |
| Orange.....              | 9      | 19       |
| Osceola.....             | 5      | 10       |
| Pasco.....               |        |          |
| Polk.....                |        |          |
| Putnam.....              |        |          |
| St. Johns.....           | 618    | 1,235    |
| Santa Rosa.....          |        |          |
| Sumter.....              | 19     | 19       |
| Suwannee.....            |        |          |
| Taylor.....              |        |          |
| Volusia.....             | 158    | 245      |
| Wakulla.....             |        |          |
| Walton.....              | 111    | 78       |
| Washington.....          |        |          |
| Total.....               | 2,580  | \$ 4,208 |

TABLE NO. 3. FRUIT CROPS—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | JAPANESE PERSIMMONS. |          |
|--------------------------|----------------------|----------|
|                          | Crates               | Value    |
| Alachua.....             |                      | \$ ..... |
| Baker.....               |                      | .....    |
| Bradford.....            |                      | .....    |
| Brevard.....             |                      | .....    |
| Calhoun.....             |                      | .....    |
| Citrus.....              |                      | .....    |
| Clay.....                |                      | .....    |
| Columbia.....            |                      | .....    |
| Dade.....                |                      | .....    |
| De Soto.....             |                      | .....    |
| Duval.....               |                      | .....    |
| Escambia.....            |                      | .....    |
| Franklin.....            |                      | .....    |
| Gadsden.....             |                      | .....    |
| Hamilton.....            |                      | .....    |
| Hernando.....            |                      | .....    |
| Hillsborough.....        |                      | .....    |
| Holmes.....              |                      | .....    |
| Jackson.....             |                      | .....    |
| Jefferson.....           |                      | .....    |
| Lafayette.....           |                      | .....    |
| Lake.....                |                      | .....    |
| Lee.....                 |                      | .....    |
| Leon.....                |                      | .....    |
| Levy.....                |                      | .....    |
| Liberty.....             |                      | .....    |
| Madison.....             |                      | .....    |
| Manatee.....             |                      | .....    |
| Marion.....              |                      | .....    |
| Monroe.....              |                      | .....    |
| Nassau.....              |                      | .....    |
| Orange.....              |                      | .....    |
| Osceola.....             |                      | .....    |
| Pasco.....               |                      | .....    |
| Polk.....                |                      | .....    |
| Putnam.....              |                      | .....    |
| St. Johns.....           | 1,350                | 1,850    |
| Santa Rosa.....          |                      | .....    |
| Sumter.....              |                      | .....    |
| Suwannee.....            |                      | .....    |
| Taylor.....              |                      | .....    |
| Volusia.....             |                      | .....    |
| Wakulla.....             |                      | .....    |
| Walton.....              |                      | .....    |
| Washington.....          |                      | .....    |
| Total.....               | 1,350                | \$ 1,850 |

TABLE NO. 4. LIVE STOCK—1903.

| NAMES<br>OF<br>COUNTIES. | HORSES |              |
|--------------------------|--------|--------------|
|                          | Number | Value        |
| Alachua.....             | 2,102  | \$ 131,085   |
| Baker.....               | 473    | 26,250       |
| Bradford.....            | 1,388  | 95,705       |
| Brevard.....             | 367    | 17,000       |
| Calhoun.....             | 589    | 39,455       |
| Citrus.....              | 270    | 27,000       |
| Clay.....                | 509    | 23,310       |
| Columbia.....            | 1,215  | 93,460       |
| Dade.....                | 135    | 11,290       |
| De Soto.....             | 1,856  | 83,265       |
| Duval.....               | 619    | 39,482       |
| Escambia.....            | 1,687  | 140,265      |
| Franklin.....            | .....  | .....        |
| Gadsden.....             | 1,405  | 86,595       |
| Hamilton.....            | 1,098  | 98,092       |
| Hernando.....            | 506    | 30,600       |
| Hillsborough.....        | 2,276  | 183,170      |
| Holmes.....              | 442    | 21,933       |
| Jackson.....             | 2,340  | 169,777      |
| Jefferson.....           | 819    | 55,100       |
| Lafayette.....           | 629    | 27,980       |
| Lake.....                | 728    | 59,325       |
| Lee.....                 | 463    | 32,380       |
| Leon.....                | 2,180  | 176,040      |
| Levy.....                | 1,247  | 66,784       |
| Liberty.....             | 232    | 18,145       |
| Madison.....             | 1,278  | 92,145       |
| Manatee.....             | 1,115  | 19,693       |
| Marion.....              | 3,423  | 150,664      |
| Monroe.....              | .....  | .....        |
| Nassau.....              | 527    | 16,777       |
| Orange.....              | 1,223  | 93,600       |
| Osceola.....             | 734    | 21,174       |
| Pasco.....               | 912    | 60,985       |
| Polk.....                | 1,753  | 119,048      |
| Putnam.....              | 608    | 40,748       |
| St. Johns.....           | 1,069  | 83,120       |
| Santa Rosa.....          | 573    | 16,826       |
| Sumter.....              | 1,560  | 106,956      |
| Suwannee.....            | 2,864  | 280,140      |
| Taylor.....              | 764    | 43,453       |
| Volusia.....             | 1,065  | 111,750      |
| Wakulla.....             | 384    | 18,835       |
| Walton.....              | 775    | 42,840       |
| Washington.....          | 1,060  | 47,054       |
| Total.....               | 46,762 | \$ 3,119,296 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | MULES  |              |
|--------------------------|--------|--------------|
|                          | Number | Value        |
| Alachua.....             | 671    | \$ 69,785    |
| Baker.....               | 153    | 11,850       |
| Bradford.....            | 528    | 47,160       |
| Brevard.....             |        |              |
| Calhoun.....             | 150    | 12,760       |
| Citrus.....              | 328    | 39,100       |
| Clay.....                | 122    | 11,475       |
| Columbia.....            | 895    | 92,397       |
| Dade.....                | 46     | 3,935        |
| De Soto.....             | 165    | 13,505       |
| Duval.....               | 203    | 18,360       |
| Escambia.....            | 586    | 78,680       |
| Franklin.....            |        |              |
| Gadsden.....             | 540    | 52,805       |
| Hamilton.....            | 1,404  | 144,030      |
| Hernando.....            | 250    | 25,770       |
| Hillsborough.....        | 290    | 30,885       |
| Holmes.....              | 447    | 32,608       |
| Jackson.....             | 185    | 119,155      |
| Jefferson.....           | 1,267  | 107,682      |
| Lafayette.....           | 375    | 20,705       |
| Lake.....                | 335    | 38,130       |
| Lee.....                 | 85     | 10,085       |
| Leon.....                | 840    | 91,843       |
| Levy.....                | 393    | 54,610       |
| Liberty.....             | 51     | 6,270        |
| Madison.....             | 1,245  | 100,250      |
| Manatee.....             | 87     | 3,105        |
| Marion.....              | 757    | 67,366       |
| Monroe.....              |        |              |
| Nassau.....              | 74     | 2,840        |
| Orange.....              | 335    | 35,740       |
| Osceola.....             | 52     | 4,120        |
| Pasco.....               | 363    | 38,755       |
| Polk.....                | 368    | 37,975       |
| Putnam.....              | 66     | 4,990        |
| St. Johns.....           | 177    | 23,600       |
| Santa Rosa.....          | 103    | 5,300        |
| Sumter.....              | 368    | 48,755       |
| Suwannee.....            | 2,716  | 72,270       |
| Taylor.....              | 101    | 7,770        |
| Volusia.....             | 399    | 36,655       |
| Wakulla.....             | 157    | 9,200        |
| Walton.....              | 236    | 20,478       |
| Washington.....          | 43     | 2,365        |
| Total.....               | 17,906 | \$ 1,655,059 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | ASSES  |          |
|--------------------------|--------|----------|
|                          | Number | Value    |
| Alachua.....             | 4      | \$ 200   |
| Baker.....               |        |          |
| Bradford.....            |        |          |
| Brevard.....             |        |          |
| Calhoun.....             | 2      | 700      |
| Citrus.....              |        |          |
| Clay.....                |        |          |
| Columbia.....            | 14     | 365      |
| Dade.....                | 1      | 80       |
| De Soto.....             | 2      | 65       |
| Duval.....               |        |          |
| Escambia.....            |        |          |
| Franklin.....            |        |          |
| Gadsden.....             |        |          |
| Hamilton.....            | 1      | 150      |
| Hernando.....            |        |          |
| Hillsborough.....        |        |          |
| Holmes.....              | 2      | 100      |
| Jackson.....             | 1      | 250      |
| Jefferson.....           | 8      | 337      |
| Lafayette.....           |        |          |
| Lake.....                |        |          |
| Lee.....                 |        |          |
| Leon.....                | 6      | 245      |
| Levy.....                | 1      | 150      |
| Liberty.....             |        |          |
| Madison.....             | 1      | 500      |
| Manatee.....             | 2      | 100      |
| Marion.....              |        |          |
| Monroe.....              |        |          |
| Nassau.....              |        |          |
| Orange.....              |        |          |
| Osceola.....             | 1      | 10       |
| Pasco.....               | 3      | 160      |
| Polk.....                |        |          |
| Putnam.....              |        |          |
| St. Johns.....           | 4      | 400      |
| Santa Rosa.....          |        |          |
| Sumter.....              | 3      | 1,650    |
| Suwannee.....            |        |          |
| Taylor.....              |        |          |
| Volusia.....             | 1      | 15       |
| Wakulla.....             | 1      | 35       |
| Walton.....              |        |          |
| Washington.....          |        |          |
| Total.....               | 58     | \$ 5,512 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| NAMES<br>OF<br>COUNTIES. | WORK OXEN<br>No. Yoke |            |
|--------------------------|-----------------------|------------|
|                          | Number                | Value      |
| Alachua.....             | 76                    | \$ 663     |
| Baker.....               | 4                     | 100        |
| Bradford.....            |                       |            |
| Brevard.....             |                       |            |
| Calhoun.....             | 190                   | 4,175      |
| Citrus.....              |                       |            |
| Clay.....                | 8                     | 200        |
| Columbia.....            | 103                   | 735        |
| Dade.....                |                       |            |
| De Soto.....             | 50                    | 1,880      |
| Duval.....               |                       |            |
| Escambia.....            | 750                   | 22,830     |
| Franklin.....            |                       |            |
| Gadsden.....             | 294                   | 6,161      |
| Hamilton.....            | 32                    | 545        |
| Hernando.....            | 21                    | 650        |
| Hillsborough.....        |                       |            |
| Holmes.....              | 244                   | 4,927      |
| Jackson.....             | 238                   | 7,288      |
| Jefferson.....           | 404                   | 6,745      |
| Lafayette.....           | 10                    | 155        |
| Lake.....                | 1                     | 50         |
| Lee.....                 | 20                    | 420        |
| Leon.....                | 1,020                 | 19,680     |
| Levy.....                | 57                    | 2,617      |
| Liberty.....             | 109                   | 3,947      |
| Madison.....             | 19                    | 400        |
| Manatee.....             |                       |            |
| Marion.....              |                       |            |
| Monroe.....              |                       |            |
| Nassau.....              |                       |            |
| Orange.....              |                       |            |
| Osceola.....             |                       |            |
| Pasco.....               | 62                    | 2,520      |
| Polk.....                | 7                     | 95         |
| Putnam.....              |                       |            |
| St. Johns.....           | 182                   | 3,648      |
| Santa Rosa.....          | 364                   | 5,465      |
| Sumter.....              | 2                     | 35         |
| Suwannee.....            |                       |            |
| Taylor.....              | 17                    | 250        |
| Volusia.....             | 49                    | 1,050      |
| Wakulla.....             | 27                    | 775        |
| Walton.....              | 207                   | 10,438     |
| Washington.....          |                       |            |
| Total.....               | 4,569                 | \$ 108,444 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| NAMES<br>COUNTIES.<br>OF | STOCK CATTLE<br>Native Breeds |              |
|--------------------------|-------------------------------|--------------|
|                          | Number                        | Value        |
| Alachua.....             | 13,844                        | \$ 76,364    |
| Baker.....               | 6,017                         | 44,098       |
| Bradford.....            | 14,975                        | 120,087      |
| Brevard.....             | 11,294                        | 51,955       |
| Calhoun.....             | 6,181                         | 33,545       |
| Citrus.....              | 5,250                         | 29,610       |
| Clay.....                | 8,990                         | 45,739       |
| Columbia.....            | 9,002                         | 58,993       |
| Dade.....                | 1,615                         | 8,925        |
| De Soto.....             | 54,441                        | 267,440      |
| Duval.....               | 7,354                         | 50,909       |
| Escambia.....            | 9,463                         | 94,630       |
| Franklin.....            | 975                           | 4,875        |
| Gadsden.....             | 6,014                         | 36,172       |
| Hamilton.....            | 11,773                        | 49,665       |
| Hernando.....            | 4,794                         | 38,720       |
| Hillsborough.....        | 41,986                        | 218,849      |
| Holmes.....              | 3,918                         | 20,963       |
| Jackson.....             | 11,044                        | 75,004       |
| Jefferson.....           | 3,163                         | 18,767       |
| Lafayette.....           | 10,703                        | 53,105       |
| Lake.....                | 7,787                         | 72,002       |
| Lee.....                 | 38,155                        | 153,055      |
| Leon.....                | 6,277                         | 39,804       |
| Levy.....                | 13,829                        | 210,996      |
| Liberty.....             | 4,236                         | 26,406       |
| Madison.....             | 6,742                         | 37,747       |
| Manatee.....             | 12,968                        | 62,270       |
| Marion.....              | 16,373                        | 81,366       |
| Monroe.....              |                               |              |
| Nassau.....              | 6,932                         | 49,258       |
| Orange.....              | 17,780                        | 135,420      |
| Osceola.....             | 35,806                        | 188,168      |
| Pasco.....               | 18,409                        | 184,090      |
| Polk.....                | 42,141                        | 337,126      |
| Putnam.....              | 7,827                         | 42,498       |
| St. Johns.....           | 17,758                        | 177,580      |
| Santa Rosa.....          | 5,208                         | 26,120       |
| Sumter.....              | 23,214                        | 203,302      |
| Suwannee.....            | 16,552                        | 119,549      |
| Taylor.....              | 10,499                        | 49,755       |
| Volusia.....             | 19,006                        | 148,200      |
| Wakulla.....             | 5,713                         | 28,565       |
| Walton.....              | 8,907                         | 56,906       |
| Washington.....          | 7,336                         | 37,203       |
| Total.....               | 591,351                       | \$ 3,865,801 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | HEREFORD AND GRADES |           |
|-------------------|---------------------|-----------|
|                   | Number              | Value     |
| Alachua.....      | 141                 | \$ 4,500  |
| Baker.....        |                     |           |
| Bradford.....     |                     |           |
| Brevard.....      |                     |           |
| Calhoun.....      | 3                   | 120       |
| Citrus.....       |                     |           |
| Clay.....         |                     |           |
| Columbia.....     | 25                  | 300       |
| Dade.....         |                     |           |
| De Soto.....      | 3                   | 190       |
| Duval.....        |                     |           |
| Escambia.....     |                     |           |
| Franklin.....     |                     |           |
| Gadsden.....      | 30                  | 250       |
| Hamilton.....     | 4                   | 200       |
| Hernando.....     |                     |           |
| Hillsborough..... |                     |           |
| Holmes.....       | 14                  | 295       |
| Jackson.....      | 19                  | 280       |
| Jefferson.....    | 32                  | 1,257     |
| Lafayette.....    |                     |           |
| Lake.....         | 52                  | 1,175     |
| Lee.....          |                     |           |
| Leon.....         | 5                   | 150       |
| Levy.....         | 1                   | 50        |
| Liberty.....      | 1                   | 150       |
| Madison.....      |                     |           |
| Manatee.....      |                     |           |
| Marion.....       | 131                 | 9,000     |
| Monroe.....       |                     |           |
| Nassau.....       |                     |           |
| Orange.....       | 10                  | 300       |
| Osceola.....      |                     |           |
| Pasco.....        |                     |           |
| Polk.....         |                     |           |
| Putnam.....       |                     |           |
| St. Johns.....    |                     |           |
| Santa Rosa.....   | 1                   | 40        |
| Sumter.....       |                     |           |
| Suwannee.....     |                     |           |
| Taylor.....       | 2                   | 10        |
| Volusia.....      |                     |           |
| Wakulla.....      | 2                   | 20        |
| Walton.....       |                     |           |
| Washington.....   |                     |           |
| Total.....        | 476                 | \$ 18,287 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | SHORT HORN AND GRADES |           |
|-------------------|-----------------------|-----------|
|                   | Number                | Value     |
| Alachua.....      | 116                   | \$ 985    |
| Baker.....        |                       |           |
| Bradford.....     |                       |           |
| Brevard.....      |                       |           |
| Calhoun.....      |                       |           |
| Citrus.....       |                       |           |
| Clay.....         |                       |           |
| Columbia.....     | 36                    | 925       |
| Dade.....         |                       |           |
| De Soto.....      | 2                     | 100       |
| Duval.....        |                       |           |
| Escambia.....     | 60                    | 1,640     |
| Franklin.....     |                       |           |
| Gadsden.....      |                       |           |
| Hamilton.....     | 1                     | 15        |
| Hernando.....     |                       |           |
| Hillsborough..... |                       |           |
| Holmes.....       |                       |           |
| Jackson.....      | 3                     | 75        |
| Jefferson.....    |                       |           |
| Lafayette.....    |                       |           |
| Lake.....         |                       |           |
| Lee.....          |                       |           |
| Leon.....         | 69                    | 1,325     |
| Levy.....         | 12                    | 650       |
| Liberty.....      | 2                     | 300       |
| Madison.....      |                       |           |
| Manatee.....      |                       |           |
| Marion.....       | 82                    | 6,100     |
| Monroe.....       |                       |           |
| Nassau.....       |                       |           |
| Orange.....       |                       |           |
| Osceola.....      |                       |           |
| Pasco.....        |                       |           |
| Polk.....         |                       |           |
| Putnam.....       |                       |           |
| St. Johns.....    | 2                     | 100       |
| Santa Rosa.....   | 16                    | 1,600     |
| Sumter.....       |                       |           |
| Suwannee.....     |                       |           |
| Taylor.....       |                       |           |
| Volusia.....      |                       |           |
| Wakulla.....      |                       |           |
| Walton.....       |                       |           |
| Washington.....   |                       |           |
| Total.....        | 401                   | \$ 13,815 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | DEVON AND GRADES |                 |
|-------------------|------------------|-----------------|
|                   | Number           | Value           |
| Alachua.....      | 1                | \$ 100          |
| Baker.....        |                  |                 |
| Bradford.....     |                  |                 |
| Brevard.....      |                  |                 |
| Calhoun.....      |                  |                 |
| Citrus.....       |                  |                 |
| Clay.....         |                  |                 |
| Columbia.....     | 1                | 100             |
| Dade.....         |                  |                 |
| De Soto.....      | 3                | 190             |
| Duval.....        |                  |                 |
| Escambia.....     |                  |                 |
| Franklin.....     |                  |                 |
| Gadsden.....      |                  |                 |
| Hamilton.....     |                  |                 |
| Hernando.....     |                  |                 |
| Hillsborough..... |                  |                 |
| Holmes.....       |                  |                 |
| Jackson.....      |                  |                 |
| Jefferson.....    | 2                | 40              |
| Lafayette.....    |                  |                 |
| Lake.....         |                  |                 |
| Lee.....          |                  |                 |
| Leon.....         |                  |                 |
| Levy.....         |                  |                 |
| Liberty.....      | 2                | 125             |
| Madison.....      | 10               | 150             |
| Manatee.....      |                  |                 |
| Marion.....       |                  |                 |
| Monroe.....       |                  |                 |
| Nassau.....       |                  |                 |
| Orange.....       | 37               | 1,020           |
| Osceola.....      |                  |                 |
| Pasco.....        |                  |                 |
| Polk.....         |                  |                 |
| Putnam.....       |                  |                 |
| St. Johns.....    |                  |                 |
| Santa Rosa.....   |                  |                 |
| Sumter.....       | 1                | 40              |
| Suwannee.....     |                  |                 |
| Taylor.....       |                  |                 |
| Volusia.....      |                  |                 |
| Wakulla.....      |                  |                 |
| Walton.....       |                  |                 |
| Washington.....   |                  |                 |
| <b>Total.....</b> | <b>57</b>        | <b>\$ 1,765</b> |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | ABERDEEN ANGUS, POLLED AND GRADES |        |
|-------------------|-----------------------------------|--------|
|                   | Number                            | Value  |
| Alachua.....      | 1                                 | \$ 100 |
| Baker.....        |                                   |        |
| Bradford.....     |                                   |        |
| Brevard.....      |                                   |        |
| Calhoun.....      |                                   |        |
| Citrus.....       |                                   |        |
| Clay.....         |                                   |        |
| Columbia.....     |                                   |        |
| Dade.....         |                                   |        |
| De Soto.....      |                                   |        |
| Duval.....        |                                   |        |
| Escambia.....     |                                   |        |
| Franklin.....     |                                   |        |
| Gadsden.....      | 12                                | 130    |
| Hamilton.....     |                                   |        |
| Hernando.....     |                                   |        |
| Hillsborough..... |                                   |        |
| Holmes.....       |                                   |        |
| Jackson.....      |                                   |        |
| Jefferson.....    |                                   |        |
| Lafayette.....    |                                   |        |
| Lake.....         |                                   |        |
| Lee.....          |                                   |        |
| Leon.....         |                                   |        |
| Levy.....         |                                   |        |
| Liberty.....      |                                   |        |
| Madison.....      |                                   |        |
| Manatee.....      |                                   |        |
| Marion.....       |                                   |        |
| Monroe.....       |                                   |        |
| Nassau.....       |                                   |        |
| Orange.....       | 18                                | 350    |
| Osceola.....      |                                   |        |
| Pasco.....        |                                   |        |
| Polk.....         |                                   |        |
| Putnam.....       |                                   |        |
| St. Johns.....    |                                   |        |
| Santa Rosa.....   |                                   |        |
| Sumter.....       |                                   |        |
| Suwannee.....     |                                   |        |
| Taylor.....       |                                   |        |
| Volusia.....      |                                   |        |
| Wakulla.....      |                                   |        |
| Walton.....       |                                   |        |
| Washington.....   |                                   |        |
| Total.....        | 31                                | \$ 570 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | JERSEY AND GRADES |           |
|-------------------|-------------------|-----------|
|                   | Number            | Value     |
| Alachua.....      | 177               | \$ 5,115  |
| Baker.....        |                   |           |
| Bradford.....     | 67                | 3,400     |
| Brevard.....      |                   |           |
| Calhoun.....      | 15                | 118       |
| Citrus.....       |                   |           |
| Clay.....         | 10                | 265       |
| Columbia.....     | 78                | 2,265     |
| Dade.....         | 25                | 1,310     |
| De Soto.....      | 94                | 2,960     |
| Duval.....        |                   |           |
| Escambia.....     | 128               | 3,565     |
| Franklin.....     |                   |           |
| Gadsden.....      | 3                 | 70        |
| Hamilton.....     | 101               | 2,595     |
| Hernando.....     | 19                | 570       |
| Hillsborough..... |                   |           |
| Holmes.....       | 7                 | 100       |
| Jackson.....      | 76                | 1,215     |
| Jefferson.....    | 41                | 870       |
| Lafayette.....    |                   |           |
| Lake.....         | 156               | 2,225     |
| Lee.....          |                   |           |
| Leon.....         | 1,352             | 25,973    |
| Levy.....         | 138               | 2,585     |
| Liberty.....      | 33                | 1,570     |
| Madison.....      | 29                | 695       |
| Manatee.....      |                   |           |
| Marion.....       | 3                 | 180       |
| Monroe.....       |                   |           |
| Nassau.....       |                   |           |
| Orange.....       | 236               | 3,645     |
| Osceola.....      |                   |           |
| Pasco.....        | 23                | 1,300     |
| Polk.....         |                   |           |
| Putnam.....       |                   |           |
| St. Johns.....    | 339               | 15,580    |
| Santa Rosa.....   | 2                 | 80        |
| Sumter.....       | 54                | 2,635     |
| Suwannee.....     |                   |           |
| Taylor.....       | 13                | 420       |
| Volusia.....      | 40                | 1,500     |
| Wakulla.....      | 2                 | 90        |
| Walton.....       | 6                 | 115       |
| Washington.....   |                   |           |
| Total.....        | 3,267             | \$ 87,511 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | SHEEP   |            |
|-------------------|---------|------------|
|                   | Number  | Value      |
| Alachua.....      | 486     | \$ 625     |
| Baker.....        | 200     | 300        |
| Bradford.....     |         |            |
| Brevard.....      |         |            |
| Calhoun.....      | 4,294   | 7,397      |
| Citrus.....       | 1,030   | 1,950      |
| Clay.....         | 960     | 960        |
| Columbia.....     | 160     | 255        |
| Dade.....         |         |            |
| De Soto.....      | 1,615   | 2,578      |
| Duval.....        | 724     | 1,271      |
| Escambia.....     | 5,290   | 10,580     |
| Franklin.....     |         |            |
| Gadsden.....      | 463     | 463        |
| Hamilton.....     | 495     | 495        |
| Hernando.....     | 990     | 2,040      |
| Hillsborough..... | 3,488   | 6,595      |
| Holmes.....       | 7,423   | 11,085     |
| Jackson.....      | 2,529   | 4,320      |
| Jefferson.....    | 340     | 627        |
| Lafayette.....    | 10      | 10         |
| Lake.....         | 765     | 1,725      |
| Lee.....          |         |            |
| Leon.....         | 714     | 1,290      |
| Levy.....         | 238     | 250        |
| Liberty.....      | 2,954   | 4,345      |
| Mau:son.....      | 12      | 24         |
| Manatee.....      | 3,430   | 3,430      |
| Marion.....       | 4,305   | 5,787      |
| Monroe.....       |         |            |
| Nassau.....       | 1,673   | 1,895      |
| Orange.....       | 200     | 600        |
| Osceola.....      | 7,150   | 14,300     |
| Pasco.....        | 3,845   | 7,690      |
| Polk.....         | 5,923   | 10,584     |
| Putnam.....       |         |            |
| St. Johns.....    | 810     | 1,620      |
| Santa Rosa.....   | 7,094   | 10,553     |
| Sumter.....       | 2,005   | 2,005      |
| Suwannee.....     |         |            |
| Taylor.....       | 210     | 202        |
| Volusia.....      | 3,365   | 5,690      |
| Wakulla.....      | 344     | 344        |
| Walton.....       | 14,533  | 26,413     |
| Washington.....   | 16,487  | 13,827     |
| Total.....        | 105,534 | \$ 164,025 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | GOATS * |           |
|-------------------|---------|-----------|
|                   | Number  | Value     |
| Alachua.....      | 331     | \$ 735    |
| Baker.....        | 1,200   | 606       |
| Bradford.....     | 3,272   | 1,816     |
| Brevard.....      |         |           |
| Calhoun.....      | 1,597   | 840       |
| Citrus.....       | 820     | 1,120     |
| Clay.....         | 292     | 197       |
| Columbia.....     | 558     | 527       |
| Dade.....         |         |           |
| De Soto.....      | 146     | 314       |
| Duval.....        | 221     | 261       |
| Escambia.....     | 2,843   | 1,421     |
| Franklin.....     |         |           |
| Gadsden.....      | 795     | 499       |
| Hamilton.....     | 360     | 360       |
| Hernando.....     | 610     | 955       |
| Hillsborough..... | 1,068   | 1,078     |
| Holmes.....       | 413     | 178       |
| Jackson.....      | 380     | 189       |
| Jefferson.....    | 539     | 328       |
| Lafayette.....    | 228     | 143       |
| Lake.....         | 18      | 9         |
| Lee.....          |         |           |
| Leon.....         | 779     | 305       |
| Levy.....         | 394     | 294       |
| Liberty.....      | 268     | 222       |
| Madison.....      | 177     | 139       |
| Manatee.....      | 24      | 24        |
| Marion.....       | 1,447   | 1,331     |
| Monroe.....       |         |           |
| Nassau.....       | 254     | 267       |
| Orange.....       | 5       | 15        |
| Osceola.....      | 175     | 175       |
| Pasco.....        | 996     | 1,510     |
| Polk.....         | 307     | 614       |
| Putnam.....       | 23      | 25        |
| St. Johns.....    | 184     | 255       |
| Santa Rosa.....   | 363     | 187       |
| Sumter.....       | 855     | 572       |
| Suwannee.....     | 310     | 155       |
| Taylor.....       | 603     | 317       |
| Volusia.....      | 75      | 114       |
| Wakulla.....      | 283     | 141       |
| Walton.....       | 297     | 189       |
| Washington.....   | 755     | 438       |
| Ttoal.....        | 24,265  | \$ 19,165 |

TABLE NO. 4. LIVE STOCK—1903—Continued.

| Counties.         | HOGS    |            |
|-------------------|---------|------------|
|                   | Number  | Value      |
| Alachua.....      | 12,247  | \$ 44,648  |
| Baker.....        | 3,273   | 3,645      |
| Bradford.....     | 8,662   | 21,027     |
| Brevard.....      | 935     | 2,275      |
| Calhoun.....      | 6,972   | 10,220     |
| Citrus.....       | 9,045   | 9,045      |
| Clay.....         | 4,068   | 4,219      |
| Columbia.....     | 18,715  | 87,809     |
| Dade.....         | 190     | 1,000      |
| De Soto.....      | 8,011   | 8,052      |
| Duval.....        | 4,813   | 11,691     |
| Escambia.....     | 5,589   | 8,267      |
| Franklin.....     | .....   | .....      |
| Gadsden.....      | 7,844   | 36,842     |
| Hamilton.....     | 16,885  | 16,885     |
| Hernando.....     | 3,494   | 7,086      |
| Hillsborough..... | 13,083  | 14,049     |
| Holmes.....       | 8,128   | 8,335      |
| Jackson.....      | 24,767  | 58,863     |
| Jefferson.....    | 14,771  | 37,980     |
| Lafayette.....    | 6,337   | 6,353      |
| Lake.....         | 7,323   | 13,194     |
| Lee.....          | 1,195   | 1,195      |
| Leon.....         | 14,328  | 42,301     |
| Levy.....         | 10,733  | 14,665     |
| Liberty.....      | 4,700   | 8,414      |
| Madison.....      | 25,577  | 38,581     |
| Manatee.....      | 1,993   | 2,012      |
| Marion.....       | 15,017  | 29,337     |
| Monroe.....       | .....   | .....      |
| Nassau.....       | 2,701   | 3,270      |
| Orange.....       | 5,524   | 10,340     |
| Osceola.....      | 1,633   | 1,633      |
| Pasco.....        | 8,755   | 12,790     |
| Polk.....         | 7,283   | 8,221      |
| Putnam.....       | 6,552   | 12,030     |
| St. Johns.....    | 8,811   | 17,642     |
| Santa Rosa.....   | 3,361   | 3,601      |
| Sumter.....       | 14,332  | 16,984     |
| Suwannee.....     | 23,504  | 95,475     |
| Taylor.....       | 8,561   | 8,562      |
| Volusia.....      | 15,462  | 30,482     |
| Wakulla.....      | 4,380   | 4,380      |
| Walton.....       | 10,099  | 15,004     |
| Washington.....   | 6,274   | 6,461      |
| Total.....        | 385,728 | \$ 794,865 |

TABLE NO. 5. POULTRY—1903.

| Counties.         | CHICKENS  |            |
|-------------------|-----------|------------|
|                   | Number    | Value      |
| Alachua.....      | 45,742    | \$ 12,018  |
| Baker.....        | 18,080    | 5,403      |
| Bradford.....     | 34,305    | 10,293     |
| Brevard.....      | 11,470    | 5,797      |
| Calhoun.....      | 32,967    | 8,167      |
| Citrus.....       | 9,475     | 2,327      |
| Clay.....         | 10,431    | 2,979      |
| Columbia.....     | 65,385    | 17,098     |
| Dade.....         | 2,360     | 4,491      |
| De Soto.....      | 20,736    | 6,225      |
| Duval.....        | 23,500    | 8,145      |
| Escambia.....     | 80,150    | 20,000     |
| Franklin.....     |           |            |
| Gadsden.....      | 64,613    | 16,155     |
| Hamilton.....     | 44,546    | 11,265     |
| Hernando.....     | 6,890     | 1,826      |
| Hillsborough..... | 63,281    | 30,873     |
| Holmes.....       | 23,947    | 6,049      |
| Jackson.....      |           |            |
| Jefferson.....    | 40,666    | 8,831      |
| Lafayette.....    | 13,867    | 3,001      |
| Lake.....         | 23,318    | 7,688      |
| Lee.....          | 6,200     | 3,095      |
| Leon.....         | 50,002    | 12,788     |
| Levy.....         | 19,485    | 8,334      |
| Liberty.....      | 9,450     | 2,318      |
| Madison.....      | 11,580    | 2,528      |
| Manatee.....      | 7,690     | 2,902      |
| Marion.....       | 47,224    | 13,957     |
| Monroe.....       |           |            |
| Nassau.....       | 1,929     | 1,072      |
| Orange.....       | 43,123    | 20,155     |
| Osceola.....      | 5,004     | 1,214      |
| Pasco.....        | 14,120    | 4,236      |
| Polk.....         | 28,248    | 12,377     |
| Putnam.....       | 18,123    | 5,384      |
| St. Johns.....    | 32,660    | 16,330     |
| Santa Rosa.....   | 24,813    | 6,199      |
| Sumter.....       | 25,661    | 8,462      |
| Suwannee.....     | 68,084    | 17,971     |
| Taylor.....       | 8,964     | 2,122      |
| Volusia.....      | 41,802    | 14,641     |
| Wakulla.....      | 10,236    | 2,559      |
| Walton.....       | 23,383    | 6,264      |
| Washington.....   | 17,289    | 4,302      |
| Total.....        | 1,150,798 | \$ 354,441 |

TABLE NO. 5. POULTRY—1903—Continued.

| Counties.         | DUCKS  |          |
|-------------------|--------|----------|
|                   | Number | Value    |
| Alachua.....      | 184    | \$ 149   |
| Packer.....       | 716    | 294      |
| Bradford.....     |        |          |
| Brevard.....      |        |          |
| Calhoun.....      | 224    | 117      |
| Citrus.....       | 50     | 60       |
| Clay.....         |        |          |
| Columbia.....     | 267    | 117      |
| Dade.....         |        |          |
| De Soto.....      | 39     | 20       |
| Duval.....        |        |          |
| Escambia.....     | 195    | 97       |
| Franklin.....     |        |          |
| Gadsden.....      | 78     | 37       |
| Hamilton.....     | 424    | 117      |
| Hernando.....     | 15     | 8        |
| Hillsborough..... | 518    | 245      |
| Holmes.....       | 60     | 18       |
| Jackson.....      |        |          |
| Jefferson.....    | 271    | 108      |
| Lafayette.....    | 190    | 76       |
| Lake.....         | 176    | 97       |
| Lee.....          |        |          |
| Leon.....         | 264    | 121      |
| Levy.....         | 57     | 24       |
| Liberty.....      |        |          |
| Madison.....      | 15     | 7        |
| Manatee.....      | 33     | 16       |
| Marion.....       | 95     | 25       |
| Monroe.....       |        |          |
| Nassau.....       | 14     | 14       |
| Orange.....       | 30     | 18       |
| Osceola.....      | 38     | 33       |
| Pasco.....        | 302    | 287      |
| Polk.....         | 81     | 47       |
| Putnam.....       |        |          |
| St. Johns.....    | 136    | 71       |
| Santa Rosa.....   | 36     | 7        |
| Sumter.....       | 52     | 23       |
| Suwannee.....     | 132    | 41       |
| Taylor.....       |        |          |
| Volusia.....      | 522    | 277      |
| Wakulla.....      | 32     | 16       |
| Walton.....       | 40     | 20       |
| Washington.....   |        |          |
| Total.....        | 5,286  | \$ 2,607 |

TABLE NO. 5. POULTRY—1903—Continued.

| Counties.         | GEESE  |           |
|-------------------|--------|-----------|
|                   | Number | Value     |
| Alachua.....      | 464    | \$ 274    |
| Baker.....        | 3,141  | 1,579     |
| Bradford.....     | 5,244  | 2,622     |
| Brevard.....      |        |           |
| Calhoun.....      | 502    | 258       |
| Citrus.....       | 60     | 80        |
| Clay.....         | 85     | 72        |
| Columbia.....     | 1,062  | 552       |
| Dade.....         |        |           |
| De Soto.....      | 462    | 462       |
| Duval.....        |        |           |
| Escambia.....     | 221    | 110       |
| Franklin.....     |        |           |
| Gadsden.....      | 179    | 88        |
| Hamilton.....     | 880    | 438       |
| Hernando.....     |        |           |
| Hillsborough..... | 286    | 172       |
| Holmes.....       | 454    | 210       |
| Jackson.....      |        |           |
| Jefferson.....    | 24     | 117       |
| Lafayette.....    | 1,751  | 877       |
| Lake.....         | 47     | 36        |
| Lee.....          |        |           |
| Leon.....         | 215    | 118       |
| Levy.....         | 438    | 226       |
| Liberty.....      | 16     | 16        |
| Madison.....      | 66     | 32        |
| Manatee.....      | 61     | 59        |
| Marion.....       | 70     | 70        |
| Monroe.....       |        |           |
| Nassau.....       | 227    | 227       |
| Orange.....       | 50     | 75        |
| Osceola.....      | 105    | 105       |
| Pasco.....        | 506    | 506       |
| Polk.....         | 78     | 40        |
| Putnam.....       |        |           |
| St. Johns.....    | 43     | 35        |
| Santa Rosa.....   | 37     | 19        |
| Sumter.....       | 158    | 151       |
| Suwannee.....     | 134    | 67        |
| Taylor.....       | 119    | 60        |
| Volusia.....      | 351    | 351       |
| Wakulla.....      | 167    | 84        |
| Walton.....       | 295    | 175       |
| Washington.....   |        |           |
| Total.....        | 18,215 | \$ 10,363 |

TABLE NO. 5. POULTRY—1903—Continued.

| Counties.         | TURKEYS |           |
|-------------------|---------|-----------|
|                   | Number  | Value     |
| Alachua.....      | 541     | \$ 503    |
| Baker.....        | 994     | 753       |
| Bradford.....     | 163     | 163       |
| Brevard.....      |         |           |
| Calhoun.....      | 379     | 372       |
| Citrus.....       | 230     | 315       |
| Clay.....         | 522     | 522       |
| Columbia.....     | 1,832   | 1,258     |
| Dade.....         |         |           |
| De Soto.....      | 491     | 491       |
| Duval.....        |         |           |
| Escambia.....     | 655     | 655       |
| Franklin.....     |         |           |
| Gadsden.....      | 536     | 405       |
| Hamilton.....     | 242     | 242       |
| Hernando.....     | 158     | 165       |
| Hillsborough..... | 610     | 541       |
| Holmes.....       | 110     | 63        |
| Jackson.....      |         |           |
| Jefferson.....    | 1,242   | 1,091     |
| Lafayette.....    | 818     | 806       |
| Lake.....         | 691     | 931       |
| Lee.....          | 30      | 50        |
| Leon.....         | 3,189   | 3,194     |
| Levy.....         | 770     | 831       |
| Liberty.....      | 72      | 60        |
| Madison.....      | 167     | 142       |
| Manatee.....      | 102     | 74        |
| Marion.....       | 286     | 278       |
| Monroe.....       |         |           |
| Nassau.....       | 331     | 329       |
| Orange.....       | 322     | 520       |
| Osceola.....      | 125     | 125       |
| Pasco.....        | 2,188   | 2,188     |
| Polk.....         | 203     | 203       |
| Putnam.....       | 280     | 280       |
| St. Johns.....    | 207     | 207       |
| Santa Rosa.....   | 363     | 359       |
| Sumter.....       | 197     | 202       |
| Suwannee.....     | 12      | 12        |
| Taylor.....       |         |           |
| Volusia.....      | 989     | 1,396     |
| Wakulla.....      | 133     | 133       |
| Walton.....       | 508     | 382       |
| Washington.....   |         |           |
| Total.....        | 20,688  | \$ 20,241 |

TABLE NO. 5. POULTRY—1903—Continued.

| Counties.         | EGGS<br>Sold and Used |            |
|-------------------|-----------------------|------------|
|                   | Dozen                 | Value      |
| Alachua.....      | 60,404                | \$ 9,754   |
| Baker.....        | 37,300                | 3,730      |
| Bradford.....     | 68,610                | 10,293     |
| Brevard.....      | 158,425               | 19,100     |
| Calhoun.....      | 50,887                | 7,355      |
| Citrus.....       | 36,256                | 7,756      |
| Clay.....         | 11,130                | 4,139      |
| Columbia.....     | 118,499               | 15,003     |
| Dade.....         |                       |            |
| De Soto.....      | 90,836                | 27,179     |
| Duval.....        | 51,927                | 11,746     |
| Escambia.....     | 149,603               | 22,615     |
| Franklin.....     |                       |            |
| Gadsden.....      | 80,160                | 8,016      |
| Hamilton.....     | 47,685                | 4,704      |
| Hernando.....     | 17,970                | 3,582      |
| Hillsborough..... | 308,490               | 62,750     |
| Holmes.....       | 41,480                | 4,338      |
| Jackson.....      |                       |            |
| Jefferson.....    | 91,457                | 10,495     |
| Lafayette.....    |                       |            |
| Lake.....         | 51,805                | 10,684     |
| Lee.....          | 420                   | 84         |
| Leon.....         | 94,143                | 11,661     |
| Levy.....         | 48,356                | 7,907      |
| Liberty.....      | 34,802                | 3,627      |
| Madison.....      | 19,019                | 1,899      |
| Manatee.....      | 18,366                | 3,725      |
| Marion.....       | 271,650               | 35,277     |
| Monroe.....       |                       |            |
| Nassau.....       | 961                   | 168        |
| Orange.....       | 155,700               | 36,733     |
| Osceola.....      | 5,730                 | 1,144      |
| Pasco.....        | 141,200               | 14,120     |
| Polk.....         | 114,950               | 27,973     |
| Putnam.....       | 19,125                | 2,107      |
| St. Johns.....    | 97,980                | 24,495     |
| Santa Rosa.....   | 26,872                | 4,301      |
| Sumter.....       | 55,180                | 10,768     |
| Suwannee.....     | 322,265               | 52,235     |
| Taylor.....       | 11,308                | 1,224      |
| Volusia.....      | 389,190               | 60,014     |
| Wakulla.....      | 63,579                | 9,537      |
| Walton.....       | 66,229                | 8,890      |
| Washington.....   | 6,456                 | 1,716      |
| Total.....        | 3,436,435             | \$ 562,844 |

TABLE NO. 6. DAIRY PRODUCTS—1903.

| Counties.         | MILCH COWS |            |
|-------------------|------------|------------|
|                   | Number     | Value      |
| Alachua.....      | 1,921      | \$ 19,300  |
| Baker.....        | 1,020      | 10,245     |
| Bradford.....     |            |            |
| Brevard.....      | 170        | 4,570      |
| Calhoun.....      | 23         | 902        |
| Citrus.....       | 720        | 8,170      |
| Clay.....         | 26         | 315        |
| Columbia.....     | 2,840      | 26,557     |
| Dade.....         |            |            |
| De Soto.....      | 498        | 8,470      |
| Duval.....        | 2,315      | 26,092     |
| Escambia.....     | 453        | 10,535     |
| Franklin.....     |            |            |
| Gadsden.....      | 1,166      | 17,475     |
| Hamilton.....     | 916        | 21,010     |
| Hernando.....     | 380        | 8,175      |
| Hillsborough..... | 1,500      | 47,746     |
| Holmes.....       | 996        | 10,187     |
| Jackson.....      |            |            |
| Jefferson.....    | 1,637      | 22,554     |
| Lafayette.....    |            |            |
| Lake.....         | 621        | 18,469     |
| Lee.....          | 10         | 500        |
| Leon.....         | 3,197      | 55,237     |
| Levy.....         | 1,489      | 15,849     |
| Liberty.....      | 9          | 230        |
| Madison.....      | 778        | 11,236     |
| Manatee.....      |            |            |
| Marion.....       | 1,423      | 16,560     |
| Monroe.....       |            |            |
| Nassau.....       |            |            |
| Orange.....       | 768        | 20,531     |
| Osceola.....      | 931        | 10,213     |
| Pasco.....        | 100        | 4,410      |
| Polk.....         | 492        | 16,365     |
| Putnam.....       | 358        | 5,432      |
| St. Johns.....    | 408        | 17,580     |
| Santa Rosa.....   | 106        | 2,272      |
| Sumter.....       | 73         | 2,770      |
| Suwannee.....     | 4,558      | 47,502     |
| Taylor.....       | 2          | 35         |
| Volusia.....      | 516        | 23,950     |
| Wakulla.....      |            |            |
| Walton.....       | 839        | 16,799     |
| Washington.....   |            |            |
| Total.....        | 33,259     | \$ 528,243 |

TABLE NO. 6. DAIRY PRODUCTS—1903—Continued.

| Counties.         | MILK      |            |
|-------------------|-----------|------------|
|                   | Gallons   | Value      |
| Alachua.....      | 103,748   | \$ 17,221  |
| Baker.....        | 83,530    | 33,412     |
| Bradford.....     | .....     | .....      |
| Brevard.....      | 55,330    | 10,976     |
| Calhoun.....      | 8,652     | 2,733      |
| Citrus.....       | 25,200    | 5,570      |
| Clay.....         | 2,425     | 886        |
| Columbia.....     | 144,637   | 28,100     |
| Dade.....         | .....     | .....      |
| De Soto.....      | 143,707   | 57,137     |
| Duval.....        | 268,481   | 55,233     |
| Escambia.....     | 180,200   | 21,000     |
| Franklin.....     | .....     | .....      |
| Gadsden.....      | 133,845   | 26,769     |
| Hamilton.....     | 73,147    | 18,008     |
| Hernando.....     | 50,610    | 10,313     |
| Hillsborough..... | 262,255   | 67,018     |
| Holmes.....       | 107,206   | 42,845     |
| Jackson.....      | .....     | .....      |
| Jefferson.....    | 144,428   | 22,668     |
| Lafayette.....    | .....     | .....      |
| Lake.....         | 134,540   | 23,373     |
| Lee.....          | 3,470     | 1,480      |
| Leon.....         | 453,377   | 48,086     |
| Levy.....         | 29,484    | 9,419      |
| Liberty.....      | 18,609    | 4,286      |
| Madison.....      | 9,900     | 690        |
| Manatee.....      | .....     | .....      |
| Marion.....       | 121,220   | 22,870     |
| Monroe.....       | .....     | .....      |
| Nassau.....       | .....     | .....      |
| Orange.....       | 264,925   | 65,845     |
| Osceola.....      | 44,670    | 15,820     |
| Pasco.....        | 25,700    | 7,630      |
| Polk.....         | .....     | .....      |
| Putnam.....       | .....     | .....      |
| St. Johns.....    | 123,900   | 32,623     |
| Santa Rosa.....   | 88,785    | 34,352     |
| Sumter.....       | 19,595    | 5,249      |
| Suwannee.....     | 342,910   | 97,947     |
| Taylor.....       | 1,020     | 426        |
| Volusia.....      | 220,410   | 88,160     |
| Wakulla.....      | .....     | .....      |
| Walton.....       | 99,140    | 21,686     |
| Washington.....   | .....     | .....      |
| Total.....        | 3,659,056 | \$ 899,831 |

TABLE NO. 6. DAIRY PRODUCTS—1903—Continued

| Counties.         | BUTTER<br>Sold and Used |            |
|-------------------|-------------------------|------------|
|                   | Pounds                  | Value      |
| Alachua.....      | 23,237                  | \$ 5,899   |
| Baker.....        | 8,260                   | 2,478      |
| Bradford.....     |                         |            |
| Brevard.....      |                         |            |
| Calhoun.....      | 1,370                   | 377        |
| Citrus.....       | 14,925                  | 3,945      |
| Clay.....         |                         |            |
| Columbia.....     | 39,864                  | 9,405      |
| Dade.....         |                         |            |
| De Soto.....      | 14,731                  | 4,721      |
| Duval.....        | 2,447                   | 491        |
| Escambia.....     | 41,700                  | 10,650     |
| Franklin.....     |                         |            |
| Gadsden.....      | 16,200                  | 4,050      |
| Hamilton.....     | 15,886                  | 4,263      |
| Hernando.....     | 11,960                  | 3,078      |
| Hillsborough..... | 14,770                  | 5,052      |
| Holmes.....       | 9,178                   | 2,269      |
| Jackson.....      |                         |            |
| Jefferson.....    | 35,635                  | 6,270      |
| Lafayette.....    |                         |            |
| Lake.....         | 35,427                  | 9,363      |
| Lee.....          |                         |            |
| Leon.....         | 155,820                 | 39,490     |
| Levy.....         | 6,838                   | 1,709      |
| Liberty.....      | 1,610                   | 344        |
| Madison.....      | 2,028                   | 507        |
| Manatee.....      |                         |            |
| Marion.....       | 56,550                  | 15,025     |
| Monroe.....       |                         |            |
| Nassau.....       |                         |            |
| Orange.....       | 34,579                  | 10,542     |
| Osceola.....      | 8,440                   | 2,324      |
| Pasco.....        | 7,855                   | 1,976      |
| Polk.....         |                         |            |
| Putnam.....       |                         |            |
| St. Johns.....    | 8,260                   | 2,065      |
| Santa Rosa.....   | 14,995                  | 3,750      |
| Sumpter.....      | 3,945                   | 1,201      |
| Suwannee.....     | 1,100                   | 261        |
| Taylor.....       | 370                     | 76         |
| Volusia.....      | 17,877                  | 4,462      |
| Wakulla.....      |                         |            |
| Walton.....       |                         |            |
| Washington.....   |                         |            |
| Totals.....       | 605,852                 | \$ 155,983 |

TABLE NO. 6.—DAIRY PRODUCTS 1903.—Contd.

| NAMES<br>OF<br>COUNTIES. | CHEESE SOLD AND USED. |       |
|--------------------------|-----------------------|-------|
|                          | Lbs.                  | Value |
| Alachua.....             | 640                   | 142   |
| Baker.....               |                       |       |
| Bradford.....            |                       |       |
| Brevard.....             |                       |       |
| Calhoun.....             |                       |       |
| Citrus.....              |                       |       |
| Clay.....                |                       |       |
| Columbia.....            |                       |       |
| Dade.....                |                       |       |
| De Soto.....             |                       |       |
| Duval.....               |                       |       |
| Escambia.....            |                       |       |
| Franklin.....            |                       |       |
| Gadsden.....             |                       |       |
| Hamilton.....            |                       |       |
| Hernando.....            |                       |       |
| Hillsborough.....        |                       |       |
| Holmes.....              |                       |       |
| Jackson.....             |                       |       |
| Jefferson.....           | 10                    | 10    |
| Lafayette.....           |                       |       |
| Lake.....                |                       |       |
| Lee.....                 |                       |       |
| Leon.....                | 275                   | 39    |
| Levy.....                |                       |       |
| Liberty.....             |                       |       |
| Madison.....             |                       |       |
| Manatee.....             |                       |       |
| Marion.....              |                       |       |
| Monroe.....              |                       |       |
| Nassau.....              |                       |       |
| Orange.....              |                       |       |
| Osceola.....             |                       |       |
| Pasco.....               | 550                   | 110   |
| Polk.....                |                       |       |
| Putnam.....              |                       |       |
| St. Johns.....           |                       |       |
| Santa Rosa.....          |                       |       |
| Sumter.....              |                       |       |
| Suwannee.....            |                       |       |
| Taylor.....              |                       |       |
| Volusia.....             |                       |       |
| Wakulla.....             |                       |       |
| Walton.....              |                       |       |
| Washington.....          |                       |       |
| Total.....               | 1,475                 | 302   |
| Agri. 12                 |                       |       |

TABLE NO. 7.—MISCELLANEOUS, 1903.

| NAMES<br>OF<br>COUNTIES. | WOOL        |         |           |
|--------------------------|-------------|---------|-----------|
|                          | No. Fleeces | Lbs.    | Value     |
| Alachua.....             | 35          | 470     | \$ 64     |
| Baker.....               | 200         | 300     | 60        |
| Bradford.....            |             |         |           |
| Brevard.....             |             |         |           |
| Calhoun.....             | 4,171       | 12,399  | 3,061     |
| Citrus.....              |             |         |           |
| Clay.....                | 995         | 2,680   | 566       |
| Columbia.....            | 100         | 210     | 35        |
| Dade.....                |             |         |           |
| De Soto.....             | 490         | 1,620   | 324       |
| Duval.....               |             |         |           |
| Escambia.....            | 5,290       | 15,870  | 3,032     |
| Franklin.....            |             |         |           |
| Gadsden.....             | 453         | 1,434   | 242       |
| Hamilton.....            | 815         | 1,630   | 406       |
| Hernando.....            | 890         | 3,340   | 625       |
| Hillsborough.....        | 2,538       | 7,040   | 1,324     |
| Holmes.....              | 5,177       | 16,158  | 3,161     |
| Jackson.....             | 1,195       | 2,885   | 520       |
| Jefferson.....           | 143         | 375     | 103       |
| Lafayette.....           |             |         |           |
| Lake.....                | 400         | 1,000   | 200       |
| Lee.....                 |             |         |           |
| Leon.....                | 599         | 1,509   | 271       |
| Levy.....                | 105         | 2,192   | 376       |
| Liberty.....             | 1,690       | 4,905   | 966       |
| Madison.....             |             |         |           |
| Manatee.....             | 816         | 2,372   | 510       |
| Marion.....              | 2,200       | 6,400   | 1,090     |
| Monroe.....              |             |         |           |
| Nassau.....              |             |         |           |
| Orange.....              |             |         |           |
| Osceola.....             | 7,000       | 21,550  | 5,310     |
| Pasco.....               | 3,800       | 7,645   | 1,659     |
| Polk.....                | 5,822       | 12,546  | 2,703     |
| Putnam.....              |             |         |           |
| St. Johns.....           | 810         | 1,180   | 236       |
| Santa Rosa.....          | 7,094       | 22,962  | 4,575     |
| Sumter.....              | 1,000       | 2,000   | 300       |
| Suwannee.....            |             |         |           |
| Taylor.....              |             |         |           |
| Volusia.....             | 3,295       | 13,220  | 2,844     |
| Wakulla.....             | 250         | 1,000   | 200       |
| Walton.....              | 1,094       | 2,452   | 508       |
| Washington.....          |             |         |           |
| Total.....               | 58,537      | 169,344 | \$ 35,271 |

TABLE NO. 7.—MISCELLANEOUS, 1903.—Contd.

| NAMES<br>OF<br>COUNTIES. | MOSS  |           |
|--------------------------|-------|-----------|
|                          | Tons  | Value     |
| Alachua.....             | 22    | \$ 340    |
| Baker.....               |       |           |
| Bradford.....            |       |           |
| Brevard.....             |       |           |
| Calhoun.....             |       |           |
| Citrus.....              |       |           |
| Clay.....                |       |           |
| Columbia.....            |       |           |
| Dade.....                |       |           |
| De Soto.....             |       |           |
| Duval.....               |       |           |
| Escambia.....            |       |           |
| Franklin.....            |       |           |
| Gadsden.....             |       |           |
| Hamilton.....            |       |           |
| Hernando.....            |       |           |
| Hillsborough.....        | 5     | 300       |
| Holmes.....              |       |           |
| Jackson.....             |       |           |
| Jefferson.....           | 1     | 5         |
| Larayette.....           |       |           |
| Lake.....                |       |           |
| Lee.....                 |       |           |
| Leon.....                | 450   | 9,000     |
| Levy.....                |       |           |
| Liberty.....             |       |           |
| Madison.....             |       |           |
| Manatee.....             |       |           |
| Marion.....              | 650   | 11,000    |
| Monroe.....              |       |           |
| Nassau.....              |       |           |
| Orange.....              |       |           |
| Osceola.....             |       |           |
| Pasco.....               |       |           |
| Polk.....                |       |           |
| Putnam.....              | 1,000 | 20,000    |
| St. Johns.....           | 4     | 160       |
| Santa Rosa.....          |       |           |
| Sumter.....              |       |           |
| Suwannee.....            |       |           |
| Taylor.....              |       |           |
| Volusia.....             | 37    | 165       |
| Wakulla.....             |       |           |
| Walton.....              |       |           |
| Washington.....          |       |           |
| Total.....               | 2,169 | \$ 40,970 |

TABLE NO. 7.—MISCELLANEOUS, 1903.—Contd.

| NAMES<br>OF<br>COUNTIES. | HONEY         |         |           |
|--------------------------|---------------|---------|-----------|
|                          | St'ds of Bees | Lbs.    | Value     |
| Alachua.....             | 496           | 9,037   | \$ 793    |
| Baker.....               |               |         |           |
| Bradford.....            |               |         |           |
| Brevard.....             | 350           | 37,000  | 2,070     |
| Calhoun.....             | 2,506         | 202,810 | 18,272    |
| Citrus.....              |               |         |           |
| Clay.....                | 43            | 2,515   | 176       |
| Columbia.....            | 770           | 10,776  | 1,347     |
| Dade.....                |               |         |           |
| De Soto.....             | 500           | 20,750  | 2,097     |
| Duval.....               | 107           | 1,215   | 135       |
| Escambia.....            | 1,045         | 18,900  | 1,890     |
| Franklin.....            | 800           | 93,750  | 4,687     |
| Gadsden.....             | 831           | 16,620  | 831       |
| Hamilton.....            | 17            | 110     | 22        |
| Hernando.....            |               |         |           |
| Hillsborough.....        | 390           | 9,990   | 876       |
| Holmes.....              |               |         |           |
| Jackson.....             |               |         |           |
| Jefferson.....           | 70            | 835     | 143       |
| Lafayette.....           | 61            | 930     | 108       |
| Lake.....                | 483           | 17,761  | 1,274     |
| Lee.....                 |               |         |           |
| Leon.....                | 1,286         | 23,236  | 2,304     |
| Levy.....                | 199           | 3,958   | 241       |
| Liberty.....             | 1,818         | 50,355  | 2,938     |
| Madison.....             | 159           | 1,865   | 189       |
| Manatee.....             | 288           | 12,109  | 785       |
| Marion.....              |               |         |           |
| Monroe.....              |               |         |           |
| Nassau.....              |               |         |           |
| Orange.....              | 173           | 4,800   | 860       |
| Osceola.....             | 130           | 3,400   | 340       |
| Pasco.....               | 507           | 20,544  | 2,030     |
| Polk.....                |               |         |           |
| Putnam.....              |               |         |           |
| St. Johns.....           | 1,253         | 19,400  | 2,546     |
| Santa Rosa.....          | 161           | 2,040   | 150       |
| Sumter.....              | 21            | 355     | 57        |
| Suwannee.....            |               |         |           |
| Taylor.....              | 1             | 12      | 1         |
| Volusia.....             | 1,892         | 93,170  | 5,465     |
| Wakulla.....             | 804           | 14,240  | 466       |
| Walton.....              | 528           | 8,625   | 358       |
| Washington.....          |               |         |           |
| Total.....               | 17,689        | 700,608 | \$ 53,451 |

TABLE NO. 7.—MISCELLANEOUS, 1903.—Contd.

| NAMES<br>OF<br>COUNTIES. | BEESWAX |        |
|--------------------------|---------|--------|
|                          | Lbs.    | Value. |
| Alachua.....             | 38      | \$ 7   |
| Baker.....               |         |        |
| Bradford.....            |         |        |
| Brevard.....             |         |        |
| Calhoun.....             |         |        |
| Citrus.....              |         |        |
| Clay.....                |         |        |
| Columbia.....            |         |        |
| Dade.....                |         |        |
| De Soto.....             | 35      | 08     |
| Duval.....               |         |        |
| Escambia.....            | 400     | 100    |
| Franklin.....            |         |        |
| Gadsden.....             | 38      | 15     |
| Hamilton.....            |         |        |
| Hernando.....            |         |        |
| Hillsborough.....        |         |        |
| Holmes.....              |         |        |
| Jackson.....             |         |        |
| Jefferson.....           | 117     | 23     |
| Lafayette.....           |         |        |
| Lake.....                | 273     | 84     |
| Lee.....                 |         |        |
| Leon.....                | 808     | 188    |
| Levy.....                |         |        |
| Liberty.....             |         |        |
| Madison.....             |         |        |
| Manatee.....             | 120     | 34     |
| Marion.....              |         |        |
| Monroe.....              |         |        |
| Nassau.....              |         |        |
| Orange.....              |         |        |
| Osceola.....             |         |        |
| Pasco.....               | 315     | 75     |
| Polk.....                |         |        |
| Putnam.....              |         |        |
| St. Johns.....           |         |        |
| Santa Rosa.....          | 125     | 25     |
| Sumter.....              |         |        |
| Suwannee.....            |         |        |
| Taylor.....              |         |        |
| Volusia.....             |         |        |
| Wakulla.....             | 1,083   | 267    |
| Walton.....              |         |        |
| Washington.....          |         |        |
| Total.....               | 3,352   | \$ 826 |

**TABLE NO. 8.—TOTAL VALUE OF FARM PRODUCTS, BY COUNTIES.**

| NAMES<br>OF<br>COUNTIES. | Annual<br>Products | Live Stock<br>and Poultry | Total<br>Values |
|--------------------------|--------------------|---------------------------|-----------------|
| Alachua.....             | \$ 660,585         | \$ 354,205                | \$ 1,014,790    |
| Baker.....               | 336,671            | 97,094                    | 433,765         |
| Bradford.....            | 544,614            | 302,273                   | 846,887         |
| Brevard.....             | 1,172,826          | 81,597                    | 1,254,423       |
| Calhoun.....             | 281,881            | 120,046                   | 401,927         |
| Citrus.....              | 176,401            | 118,777                   | 295,178         |
| Clay.....                | 81,173             | 90,253                    | 171,426         |
| Columbia.....            | 746,876            | 383,713                   | 1,130,589       |
| Dade.....                | 289,046            | 27,021                    | 316,067         |
| De Soto.....             | 779,726            | 416,202                   | 1,195,928       |
| Duval.....               | 161,020            | 156,211                   | 317,231         |
| Escambia.....            | 270,257            | 393,275                   | 663,532         |
| Franklin.....            | 9,330              | 4,875                     | 14,205          |
| Gadsden.....             | 980,543            | 254,147                   | 1,234,690       |
| Hamilton.....            | 873,105            | 346,104                   | 1,219,209       |
| Hernando.....            | 103,069            | 116,505                   | 249,574         |
| Hillsborough.....        | 1,054,034          | 534,203                   | 1,588,237       |
| Holmes.....              | 231,679            | 117,051                   | 348,730         |
| Jackson.....             | 1,187,856          | 436,416                   | 1,624,272       |
| Jefferson.....           | 633,449            | 262,437                   | 895,886         |
| Lafayette.....           | 294,012            | 113,211                   | 397,223         |
| Lake.....                | 315,679            | 215,056                   | 530,735         |
| Lee.....                 | 195,843            | 200,780                   | 396,623         |
| Leon.....                | 784,584            | 479,778                   | 1,264,362       |
| Levy.....                | 244,543            | 373,915                   | 618,458         |
| Liberty.....             | 91,723             | 72,518                    | 164,241         |
| Madison.....             | 701,362            | 284,576                   | 985,938         |
| Manatee.....             | 454,844            | 103,685                   | 558,529         |
| Marion.....              | 698,620            | 382,021                   | 1,080,641       |
| Monroe.....              | .....              | .....                     | .....           |
| Nassau.....              | 55,063             | 75,849                    | 130,912         |
| Orange.....              | 591,788            | 301,798                   | 893,586         |
| Osceola.....             | 165,646            | 251,270                   | 416,916         |
| Pasco.....               | 554,359            | 371,427                   | 925,786         |
| Polk.....                | 488,045            | 562,695                   | 1,050,740       |
| Putnam.....              | 161,381            | 142,320                   | 303,701         |
| St. Johns.....           | 462,028            | 356,768                   | 818,796         |
| Santa Rosa.....          | 154,256            | 78,628                    | 232,884         |
| Sumter.....              | 532,390            | 394,542                   | 926,932         |
| Suwannee.....            | 1,251,340          | 683,182                   | 1,934,522       |
| Taylor.....              | 141,129            | 112,956                   | 254,085         |
| Volusia.....             | 565,637            | 396,071                   | 961,708         |
| Wakulla.....             | 95,869             | 65,177                    | 161,046         |
| Walton.....              | 235,884            | 196,123                   | 431,907         |
| Washington.....          | 135,898            | 111,650                   | 247,548         |
| Total.....               | \$ 19,936,064      | \$ 11,968,301             | \$ 30,904,365   |

**TABLE NO. 9—TOTAL ACREAGES.**

|                                    |         |
|------------------------------------|---------|
| Field Crops .....                  | 961,145 |
| Vegetable and Garden Products..... | 24,161  |
| Total acreage in cultivation ..... | 985,306 |

**TABLE NO. 10—TOTAL VALUE OF FARM PRODUCTS.**

|                                                |               |
|------------------------------------------------|---------------|
| Table No. 1—Field Crops .....                  | \$ 11,800,064 |
| Table No. 2—Vegetable and Garden Products..... | 2,400,363     |
| Table No. 3—Fruit Crops .....                  | 4,187,280     |
| Table No. 4—Live Stock .....                   | 10,382,363    |
| Table No. 5—Poultry .....                      | 950,496       |
| Table No. 6—Dairy Products .....               | 1,056,115     |
| Table No. 7—Miscellaneous Products .....       | 127,674       |
| Total .....                                    | \$30,904,305  |

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**COMMERCIAL  
STATISTICS**



**FOR THE YEAR 1903**

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**TABLE NO. 11.**

**COMMERCE.**

The commerce of Florida, through her ports for 1903, has far surpassed anything in the State's history. Following is a condensed statement of each port's business, giving only principal articles of exports and aggregate im-

**JACKSONVILLE.**

| Exports.                |                        |             |              |
|-------------------------|------------------------|-------------|--------------|
| Articles.               | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber .....            | Feet                   | 224,541,668 | \$ 2,768,990 |
| Spts. Turpentine .....  | Gallons                | 9,400,000   | 4,700,000    |
| Resin & other N. Stores | Pkgs.                  | 585,000     | 1,755,000    |
| All other exports ..... | .....                  | .....       | 3,500,000    |
| Total exports .....     | .....                  | .....       | \$12,723,990 |
| Imports, aggregate .... | .....                  | .....       | 9,139,185    |
| Total commerce .....    | .....                  | .....       | \$21,863,175 |

This does not include the business that goes out of or into Jacksonville by rail; it is only ocean traffic. Could the business by rail be added, it would increase the above figures over 25 per cent.. Aside from this the increase in the business of the port for 1903 is practically 50 per cent.

TABLE NO. 11.—Continued.

## PENSACOLA.

| Exports.                |                        |             |              |
|-------------------------|------------------------|-------------|--------------|
| Articles.               | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber .....            | Feet                   | 148,140,000 | \$ 2,272,279 |
| Timber, all kinds ..... | Feet                   | 194,038,947 | 4,816,032    |
| Spts. Turpentine .....  | Gallons                | 1,153,110   | 585,252      |
| Phosphate rock .....    | Tons                   | 113,953     | 631,053      |
| All other exports ..... |                        |             | 7,510,357    |
| Total exports .....     |                        |             | \$15,814,974 |
| Aggregate imports ..... |                        |             | 578,301      |
| Total commerce .....    |                        |             | \$16,393,275 |

No overland business is included in these figures; if it were, the total sum would be increased 33 per cent.; as it is, the increase of business for 1903 is 33 per cent. greater than that of 1902.

TABLE NO. 11.—Continued.

## CARRABELLE.

| Exports.                 |                        |             |            |
|--------------------------|------------------------|-------------|------------|
| Articles.                | Unit<br>of<br>Quantity | Quantities. | Value.     |
| Lumber .....             | Feet                   | 12,545,000  | \$ 200,340 |
| Timber .....             | Feet                   | 5,715,000   | 70,083     |
| Naval Stores .....       | Pkgs.                  | 39,967      | 82,288     |
| Ag. of Fish and Oysters. | Pkgs.                  | 19,952      | 46,565     |
| Total exports .....      | .....                  | .....       | \$ 399,276 |

This port has lost nearly 25 per cent. of export business of 1902, on account of closing down of naval stores operations and removal of most of the business of that industry to other points. It is a port with good water and harbor facilities, and a good point for milling business.

TABLE NO. 11.—Continued.

## FERNANDINA.

| Exports.                  |                        |             |              |
|---------------------------|------------------------|-------------|--------------|
| Articles.                 | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber .....              | Feet                   | 156,825,893 | \$ 2,352,388 |
| Timber .....              | Feet                   | 1,327,000   | 132,700      |
| Phosphate .....           | Tons                   | 104,545     | 1,045,450    |
| Naval Stores .....        | Pkgs.                  | 1,537,052   | 3,634,811    |
| Ag. of all other exports. | Pkgs.                  | .....       | 89,263       |
| Total exports .....       | .....                  | .....       | \$ 7,254,612 |
| Aggregate imports .....   | .....                  | .....       | 6,836        |
| Total commerce .....      | .....                  | .....       | \$ 7,261,448 |

No overland exports or imports are included in these figures; the volume of exports shows an increase in the business of 1903, over that of 1902, of 22 per cent. If the business by rail was included the total would reach almost 100 per cent. more than above given.

TABLE NO. 11.—Continued.

## TAMPA.

| Exports.                  |                        |             |              |
|---------------------------|------------------------|-------------|--------------|
| Articles.                 | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber, all kinds .....   | Feet                   | 314,442     | \$ 125,678   |
| Naval Stores .....        | Barrels                | 20,927      | 44,112       |
| Phosphate .....           | Tons                   | 370,794     | 2,410,101    |
| Cigars .....              | Number                 | 167,630,000 | 11,734,100   |
| Ag. of fish and oysters.  | Barrels                | 38,540      | 115,720      |
| Ag. of all other exports. |                        |             | 115,974      |
| Total exports .....       |                        |             | \$14,545,685 |
| Aggregate imports ..      |                        |             | 2,243,891    |
| Total commerce .....      |                        |             | \$16,789,576 |

Some exports by rail of manufactured tobacco and fish and oysters are included in the above figures. The increase of the commercial business of this port is \$3,609,068 over that of 1902, or practically 20 per cent.

TABLE NO. 11.—Continued.

## APALACHICOLA.

| Exports.                       |                        |             |              |
|--------------------------------|------------------------|-------------|--------------|
| Articles.                      | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber, all kinds .....        | Feet                   | 30,000,000  | \$ 600,000   |
| Timber .....                   | Feet                   | 10,000,000  | 100,000      |
| Naval Stores .....             | Pkgs.                  | 10,000      | 100,000      |
| Ag. fish and oysters....       | Barrels                | 14,000      | 70,000       |
| Total exports .....            |                        |             | \$ 870,000   |
| Aggregate of all imports ..... |                        |             | 1,000,000    |
| Total commerce .....           |                        |             | \$ 1,870,000 |

The exports from this port are all by ocean, except the fish and oysters, which are transported by river steamers to interior markets. This increase of the export business for 1903 was over \$200,000, or about 33 per cent.

TABLE NO. 11.—Continued.

## PORT INGLIS.

| Exports.                |                        |             |              |
|-------------------------|------------------------|-------------|--------------|
| Articles.               | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Phosphate .....         | Tons                   | 109,499     | \$ 1,094,990 |
| Cedar .....             | Tons                   | 44          | 1,700        |
| Fish .....              | Tons                   | 8           | 2,000        |
| Lumber .....            | Tons                   | 200         | 4,000        |
| Oysters .....           | .....                  | .....       | 500          |
| All other exports ..... | .....                  | .....       | 19,536       |
| Total exports .....     | .....                  | .....       | \$ 1,122,726 |

This is a new port and its business is confined almost exclusively to the exportation of phosphate rock. The above figures include all business from September 25th, 1902, to December 31st, 1903.

## PUNTA GORDA.

| Exports.             |                        |             |            |
|----------------------|------------------------|-------------|------------|
| Articles.            | Unit<br>of<br>Quantity | Quantities. | Value.     |
| Phosphate .....      | Tons                   | 66,055      | \$ 330,275 |
| Cattle .....         | Number                 | 9,669       | 116,028    |
| Total exports .....  | .....                  | .....       | \$ 446,303 |
| Imports .....        | .....                  | .....       | 15,000     |
| Total commerce ..... | .....                  | .....       | \$ 461,303 |

The above figures are only for ocean going exports; were the overland exports included, the volume of business would show double. The increase of the export business for 1903 is \$354,720; increase over that of 1902 considerably over 400 per cent.

TABLE NO. 11.—Continued.

## KEY WEST.

| Exports.                |                        |             |              |
|-------------------------|------------------------|-------------|--------------|
| Articles.               | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Sponges .....           | Pounds                 | 365,899     | \$ 367,450   |
| Phosphate .....         | Tons                   | 30,000      | 210,000      |
| Cigars, coastwise ..... | Number                 | 30,000,000  | 2,100,000    |
| Fish, all kinds .....   | Pounds                 | 250,000     | 12,000       |
| Other exports .....     |                        |             | 50,000       |
| Total exports .....     |                        |             | \$ 2,737,000 |
| Imports .....           |                        |             | 300,000      |
| Total commerce .....    |                        |             | \$ 2,999,450 |

# **CONSOLIDATED TABLE OF EXPORTS, AND AGGREGATE IMPORTS, SHOWING CLASSI- FICATION OF PRECEEDING TABLES**

| Exports.                                     |                        |             |              |
|----------------------------------------------|------------------------|-------------|--------------|
| Articles.                                    | Unit<br>of<br>Quantity | Quantities. | Value.       |
| Lumber, all kinds .....                      | Feet                   | 572,407,003 | \$ 8,329,683 |
| Timber, all kinds .....                      | Feet                   | 211,080,947 | 5,118,815    |
| Cedar .....                                  | Tons                   | 8           | 1,700        |
| Spts. Turpentine .....                       | Gallons                | 10,553,110  | 5,285,252    |
| Naval Stores .....                           | Pkgs.                  | 2,192,946   | 5,616,211    |
| Phosphate .....                              | Tons                   | 794,846     | 5,721,869    |
| Cigars .....                                 | Number                 | 197,630,000 | 13,834,100   |
| Coastwise and Overland Exports.              |                        |             |              |
| Aggregate of Fish .....                      | Pounds                 | 61,136,795  | 1,414,314    |
| Aggregate of Oysters ..                      | Bushels                | 888,656     | 161,296      |
| Sponges .....                                | Pounds                 | 365,899     | 367,450      |
| Cattle, to Cuba .....                        | Number                 | 9,669       | 116,028      |
| Cattle, coastwise and<br>overland .....      | Number                 | 70,000      | 1,120,000    |
| Other miscellaneous ex-<br>ports .....       |                        |             | 11,284,773   |
| Total ocean and coast-<br>wise exports ..... |                        |             | \$58,371,491 |
| Total imports .....                          |                        |             | 29,098,187   |
| Total ocean going<br>commerce .....          |                        |             | \$87,479,678 |

As a large proportion of Florida products are exported almost entirely coastwise, overland, or by river, and cannot well be included in ocean commerce, we include them in another form as follows:

There were exported by rail, river and coastwise steam-  
Agri. 13

ers 57,300 bales of cotton, with an actual market value of \$3,688,946; native grown tobacco, some of it partially manufactured, 1,535,974 pounds, having a value of \$509,977; also 1,956,574 packages of vegetables, valued at \$2,400,368; fruit crops to the value of \$4,187,280; and a long list of miscellaneous articles whose aggregate value reaches to \$1,271,146; the value of these products aggregating \$12,057,717. If we add this to the total ocean going commerce, we have the sum of \$99,537,395 for the year's commerce, practically an even \$100,000,000.



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# METEOROLOGICAL REPORT

OF THE  
STATE OF FLORIDA  
FOR THE YEAR 1903

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# CLIMATOLOGY FOR THE YEAR 1903

Dates on which First and Last Killing Frosts Occurred,  
or Minimum Temperature of 32 Degrees.

| Stations.          | Last in Spring | First in Autumn | Stations            | Last in Spring | First in Autumn |
|--------------------|----------------|-----------------|---------------------|----------------|-----------------|
| Apalachicola.....  | No Rep.        | Nov. 19.        | Manatee.....        | Jan. 9         | Nov. 28         |
| Archer.....        | Feb. 18        | Nov. 19         | Marco.....          | None           | None            |
| Avon Park.....     | Jan. 9         | Nov. 28         | Marianna.....       | Feb. 19        | Nov. 10         |
| Ba to w.....       | Jan. 9.        | Nov. 28         | Merritt's Island..  | None           | None            |
| Bonifay.....       | Feb. 18        | Nov. 19         | Miami.....          | None           | None            |
| Brooksville.....   | Feb. 18        | Oct. 25         | Micanopy.....       | Feb. 18        | Nov. 26         |
| Carrabelle.....    | Feb. 18        | Nov. 26         | Middleburg.....     | Feb. 22        | Oct. 25         |
| Clermont.....      | Feb. 18        | Nov. 28         | Molino.....         | Feb. 23        | Oct. 25         |
| DeFuniak Springs.. | Feb. 20        | Nov. 19         | Myers.....          | None           | None            |
| DeLand.....        | Feb. 18        | Nov. 27         | New Smyrna.....     | Feb. 18        | Nov. 28         |
| Eustis.....        | Feb. 18        | Nov. 28         | Nocatee.....        | Jan. 8         | Nov. 28         |
| Federal Point..... | Feb. 18        | Nov. 27         | Ocala.....          | Feb. 18        | Nov. 27         |
| Fernandina.....    | Feb. 18        | Nov. 27         | Orange City.....    | Feb. 18        | Nov. 27         |
| Flamingo.....      | None           | None            | Orange Home.....    | No Rep.        | Nov. 27         |
| Fort George.....   | Feb. 18        | Nov. 27         | Orlando.....        | Feb. 18        | Nov. 28         |
| Fort Meade.....    | Feb. 18        | Nov. 28         | Pensacola.....      | Feb. 18        | Nov. 19         |
| Fort Pierce.....   | Jan. 9         | None            | Pinemount.....      | Feb. 18        | Nov. 19         |
| Gainesville.....   | Feb. 19        | Nov. 19         | Plant City.....     | Feb. 18        | Nov. 28         |
| Grasmere.....      | Feb. 18        | Nov. 25         | Quincy.....         | Feb. 19        | No Rep.         |
| Huntington.....    | Feb. 18        | Nov. 27         | St. Andrew.....     | Feb. 19        | Nov. 19         |
| Hypoluxo.....      | None           | None            | St. Augustine.....  | Feb. 18        | Nov. 27         |
| Inverness.....     | Feb. 18        | Nov. 27         | St. Leo.....        | Feb. 18        | Nov. 28         |
| Jacksonville.....  | Feb. 18        | Nov. 27         | Stephensville.....  | Feb. 18        | Nov. 18         |
| Jasper.....        | Feb. 18        | Nov. 19         | Sumner.....         | Feb. 19        | Oct. 25         |
| Johnstown.....     | No Rep.        | Nov. 19         | Switzerland.....    | Feb. 18        | Nov. 27         |
| Jupiter.....       | None           | None            | Tallahassee.....    | Feb. 18        | Nov. 19         |
| Key West.....      | None           | None            | Tampa.....          | Feb. 18        | Nov. 23         |
| Kissimmee.....     | Feb. 18        | Nov. 28         | Tarpon Springs..... | Feb. 18        | Nov. 28         |
| Lake City.....     | Feb. 18        | Nov. 19         | Titusville.....     | Feb. 18        | No Rep.         |
| Macclenny.....     | Feb. 21        | Nov. 27         | Waukeelah.....      | Feb. 19        | No Rep.         |
| Madison.....       | No Rep.        | Nov. 19         | Wausau.....         | Feb. 18        | Oct. 25         |
| Malabar.....       | Jan. 9         | Nov. 28         | Wewahitchka.....    | Feb. 18        | Nov. 18         |

## TEMPERATURE.

Degrees.

|                                                                     |      |
|---------------------------------------------------------------------|------|
| Mean for the State, as determined from records of 39 stations ..... | 69.8 |
| Highest annual mean, at Key West .....                              | 76.5 |
| Lowest annual mean, at DeFuniak Springs and Molino .....            | 65.8 |
| Highest recorded, at Middleburg on July 28.....                     | 105  |
| Lowest recorded, at Middleburg on November 28..                     | 17   |
| Absolute range for the State .....                                  | 88   |

## PRECIPITATION.

Inches.

|                                                                                                                         |       |
|-------------------------------------------------------------------------------------------------------------------------|-------|
| Average, as determined from records of 37 stations                                                                      | 55.79 |
| Greatest annual amount, at Ft. Meade .....                                                                              | 78.12 |
| Least annual amount, at Key West .....                                                                                  | 30.36 |
| Greatest monthly amount, at Ft. Meade in September .....                                                                | 19.04 |
| Least monthly amount, at Ft. Pierce in April and October, Bonifay and Carrabelle in April and Molino in September ..... | 0 00  |
| Greatest amount in any 24 consecutive hours, at Jacksonville May 12th-13th .....                                        | 9.06  |
| Average number of days in which 0.01 or more fell                                                                       | 109   |

## WIND.

Prevailing wind direction during the year.....Northeast

## WEATHER.

|                                           |     |
|-------------------------------------------|-----|
| Average number of clear days.....         | 167 |
| Average number of partly cloudy days..... | 116 |
| Average number of cloudy days.....        | 82  |

Annual Mean Temperature and Average Precipitation  
During the Past Twelve Years, Deduced from Weather  
Bureau and Voluntary Meteorological Records:

| Year      | Mean<br>Temperature | Departure | Total<br>Precipitation | Departure |
|-----------|---------------------|-----------|------------------------|-----------|
| 1892..... | 70.4.....           | -0.2..... | 47.99.....             | -4.60     |
| 1893..... | 71.0.....           | +0.4..... | 53.01.....             | +0.42     |
| 1894..... | 71.2.....           | +0.6..... | 52.51.....             | -0.03     |
| 1895..... | 69.9.....           | -0.7..... | 45.50.....             | -7.09     |
| 1896..... | 71.0.....           | +0.4..... | 49.82.....             | -2.97     |
| 1897..... | 71.2.....           | +0.6..... | 56.69.....             | +4.10     |
| 1898..... | 70.5.....           | -0.1..... | 48.36.....             | -4.23     |
| 1899..... | 71.0.....           | +0.4..... | 53.93.....             | +1.34     |
| 1900..... | 70.7.....           | +0.1..... | 61.19.....             | +8.60     |
| 1901..... | 68.8.....           | -1.8..... | 58.47.....             | +5.88     |
| 1902..... | 70.8.....           | +0.2..... | 51.24.....             | -1.35     |
| 1903..... | 69.8.....           | -1.0..... | 55.79.....             | +4.55     |

The mean temperature for twelve years is 70.6 degrees.  
The average precipitation for same period is 52.86 inches.

The following table shows the monthly temperature  
and precipitation for the year 1903 at various points in  
the State:

## CLIMATOLOGICAL DATA FOR THE YEAR 1903.

198

| STATIONS.          | COUNTIES.      | Elevation, feet. | Length of record, years | Temperature, in degrees Fahr. |          |         |         |         |        | Length of record, years | Precipitation, in inches |        |                       |        |                       | Sky.               |                            |                     | Prevailing direction of wind. |
|--------------------|----------------|------------------|-------------------------|-------------------------------|----------|---------|---------|---------|--------|-------------------------|--------------------------|--------|-----------------------|--------|-----------------------|--------------------|----------------------------|---------------------|-------------------------------|
|                    |                |                  |                         | Mean.                         | Highest. | Date.   | Lowest. | Date.   | Total. |                         | Greatest Monthly Amount. | Month. | Least Monthly Amount. | Month. | Number of Rainy Days. | Number clear days. | Number partly cloudy days. | Number cloudy days. |                               |
|                    |                |                  |                         |                               |          |         |         |         |        |                         |                          |        |                       |        |                       |                    |                            |                     |                               |
| Northern Section.  |                |                  |                         |                               |          |         |         |         |        |                         |                          |        |                       |        |                       |                    |                            |                     |                               |
| Archer.....        | Alachua.....   | 92               | 20                      | 68.3                          | 97       | May 26  | 20      | Nov. 28 | 20     | 61.90                   | 10.71                    | Aug.   | 0.14                  | April  | 125                   | 148                | 177                        | 40                  | ne.                           |
| Federal Point..... | Putnam.....    | 10               | 11                      | 68.9                          | 96       | July 19 | 29      | Dec. 14 | 11     | 56.93                   | 13.96                    | Sept.  | 0.24                  | April  | 127                   | 132                | 155                        | 78                  | ne, sw                        |
| Fernandina.....    | Nassau.....    | 15               | 3                       | ...                           | 98       | July 24 | 28      | Nov. 28 | 3      | ...                     | 16.27                    | May    | 1.17                  | July   | ...                   | ...                | ...                        | ...                 | ne.                           |
| Fort George.....   | Duval.....     | 15               | 19                      | 68.6                          | 97       | July 20 | 26      | Jan. 9  | ...    | ...                     | ...                      | ...    | ...                   | ...    | ...                   | ...                | ...                        | ...                 | se.                           |
| Gainesville.....   | Alchua.....    | 175              | 12                      | 68.9                          | 97       | July 21 | 22      | Nov. 28 | 12     | 49.16                   | 8.63                     | Aug.   | 0.25                  | Nov.   | 120                   | 202                | 45                         | 118                 | ...                           |
| Huntington.....    | Putnam.....    | 50               | 8                       | 69.9                          | 101      | Aug. 26 | 27      | Nov. 28 | 8      | 48.21                   | 6.98                     | June   | 0.50                  | April  | 110                   | 180                | 128                        | 57                  | ne.                           |
| Jacksonville.....  | Duval.....     | 75               | 82                      | 67.8                          | 97       | July 23 | 26      | Nov. 28 | 32     | 52.03                   | 14.80                    | May    | 1.54                  | April  | 131                   | 108                | 147                        | 110                 | ne, sw                        |
| Jasper.....        | Hamilton.....  | 165              | 7                       | ...                           | ...      | ...     | 19      | Nov. 28 | 6      | ...                     | ...                      | ...    | 0.84                  | April  | ...                   | ...                | ...                        | ...                 | ...                           |
| Johnstown.....     | Bradford.....  | 40               | 2                       | ...                           | ...      | ...     | 18      | Nov. 28 | 2      | ...                     | 14.79                    | Aug.   | ...                   | ...    | ...                   | ...                | ...                        | ...                 | ...                           |
| Lake City.....     | Columbia.....  | 201              | 15                      | 68.1                          | 99       | July 23 | 20      | Nov. 28 | 21     | 53.21                   | 10.04                    | Aug.   | 0.83                  | Nov.   | 106                   | 83                 | 132                        | 150                 | ne, sw                        |
| Macclenny.....     | Baker.....     | 140              | 9                       | ...                           | 102      | July 23 | 20      | Nov. 28 | 9      | 59.09                   | 10.95                    | May    | 1.05                  | Nov.   | 103                   | 195                | 131                        | 39                  | e.                            |
| Micanopy.....      | Alachua.....   | 105              | 9                       | ...                           | ...      | ...     | 24      | Nov. 28 | 3      | ...                     | ...                      | ...    | ...                   | ...    | ...                   | ...                | ...                        | ...                 | ...                           |
| Middleburg.....    | Clay.....      | 20               | 4                       | ...                           | 105      | July 28 | 17      | Nov. 28 | 4      | ...                     | 18.01                    | May    | 1.01                  | April  | ...                   | ...                | ...                        | ...                 | sw.                           |
| Pinemount.....     | Suwannee.....  | 65               | 2                       | 67.4                          | 101      | July 24 | 19      | Nov. 28 | 2      | 63.28                   | 9.55                     | Aug.   | 0.65                  | Nov.   | 121                   | ...                | ...                        | ...                 | sw.                           |
| St. Augustine..... | St. Johns..... | 10               | 54                      | 68.6                          | 97       | July 19 | 26      | Feb. 18 | 54     | 50.53                   | 10.58                    | May    | 0.29                  | April  | 127                   | 68                 | 58                         | 239                 | ne.                           |
| Sumner.....        | Levy.....      | 15               | 4                       | 67.6                          | 95       | Aug. 28 | 23      | Dec. 3  | 4      | 54.91                   | 14.14                    | Aug.   | 0.00                  | April  | 68                    | 156                | 145                        | 64                  | ne.                           |
| Switzerland.....   | St. Johns..... | 10               | 7                       | 67.8                          | 96       | Aug. 28 | 26      | Nov. 28 | 7      | 49.85                   | 9.48                     | May    | 0.41                  | Oct.   | 185                   | ...                | ...                        | ...                 | ...                           |

[illegible]

## 200

[illegible]

| STATIONS.          | COUNTIES.     | Elevation, feet. | Length of record, years. | Temperature, in degrees Fahr. |          |         |         |         |        | Length of record, years. | Precipitation, in inches. |        |                       |          |                       | Sky.               |                            |                     |                               |     |
|--------------------|---------------|------------------|--------------------------|-------------------------------|----------|---------|---------|---------|--------|--------------------------|---------------------------|--------|-----------------------|----------|-----------------------|--------------------|----------------------------|---------------------|-------------------------------|-----|
|                    |               |                  |                          | Mean.                         | Highest. | Date.   | Lowest. | Date.   | Total. |                          | Greatest Monthly Amount.  | Month. | Least Monthly Amount. | Month.   | Number of Rainy Days. | Number clear days. | Number partly cloudy days. | Number cloudy days. | Prevailing direction of wind. |     |
| Western Section.   |               |                  |                          |                               |          |         |         |         |        |                          |                           |        |                       |          |                       |                    |                            |                     |                               |     |
| Bonifay.....       | Holmes.....   | 116              | 3                        | 66.8                          | 99       | July 27 | 20      | Jan. 9  | 3      | .....                    | 10.20                     | June   | 0.00                  | April    | .....                 | 116                | 63                         | 186                 | s.                            |     |
| Carrabelle.....    | Franklin..... | 12               | 9                        | .....                         | 95       | July 23 | 21      | Jan. 13 | 6      | .....                    | 11.27                     | Sept.  | 0.66                  | April    | .....                 | .....              | .....                      | .....               | w.                            |     |
| DeFuniak Sp'gs . . | Walton ....   | 193              | 8                        | 65.8                          | 99       | Sept. 7 | 19      | Jan. 13 | 8      | 67.23                    | 9.96                      | Aug.   | 0.24                  | April    | 119                   | 136                | 157                        | 72                  | s.                            |     |
| Marianna.....      | Jackson.....  | 85               | 4                        | .....                         | 96       | July 23 | 22      | Feb. 18 | 4      | .....                    | 7.82                      | May    | 0.85                  | Oct.     | .....                 | .....              | .....                      | .....               | sw.                           |     |
| Molino.....        | Escambia..... | 49               | 2                        | 65.8                          | 103      | Sept. 1 | 20      | Jan. 1  | 2      | 67.2                     | 12.69                     | Feb.   | 0.00                  | Sept.    | 69                    | 189                | 69                         | 107                 | s.                            |     |
| Pensacola.....     | Escambia..... | 56               | 24                       | 66.4                          | 95       | July 2  | 26      | Dec. 27 | 24     | 58.8                     | 11.46                     | Nov.   | 0.10                  | April    | 115                   | 154                | 118                        | 93                  | ne.                           |     |
| St. Andrew.....    | Washington..  | 12               | 6                        | 66.7                          | 99       | July 24 | 21      | Jan. 1  | 0      | 57.87                    | 7.95                      | Aug.   | 0.34                  | April    | 95                    | .....              | .....                      | .....               | sw.                           |     |
| Stephensville..... | Taylor.....   | .....            | 4                        | 67.3                          | 97       | Aug. 21 | 19      | Dec. 1  | 6      | .....                    | .....                     | .....  | T                     | Apr. Nov | .....                 | .....              | .....                      | .....               | sw.                           |     |
| Gallahassee.....   | Le n.....     | 253              | 18                       | 66.9                          | 94       | July 18 | 25      | Feb. 18 | 8      | 60.89                    | 10.01                     | June   | 0.11                  | April    | 87                    | .....              | .....                      | .....               | .....                         |     |
| Wausau.....        | Washington..  | 250              | 6                        | .....                         | 101      | July 2  | 1       | Jan. 1  | 6      | 66.70                    | 10.70                     | May    | 0.01                  | April    | 88                    | .....              | .....                      | .....               | s.                            |     |
| Wewahitchka.....   | Calhoun.....  | .....            | 5                        | 67.3                          | 100      | July 22 | 24      | Jan. 1  | 5      | 53.52                    | 7.30                      | Aug.   | 0.46                  | April    | 118                   | 127                | 99                         | 139                 | sw.                           |     |
| State Means.....   |               |                  |                          | 69.8                          | .....    | .....   | .....   | .....   | .....  | 55.79                    | .....                     | .....  | .....                 | .....    | .....                 | 109                | 167                        | 116                 | 82                            | ne. |

The foregoing tables are quite interesting as indicating in an intelligent manner the correct climatic condition shown by a series of years. It will be observed that there is a heavy rainfall during certain months, this period representing what is called in semi-tropical climates the "rainy season." It is this precipitation that makes the hot months, pleasant, cools the atmosphere and produces the wonderful growth of vegetation; the thermometer does not rise as high in Florida during the summer as further north for reasons previously explained, and the heat is not so seriously felt because the breezes are continually removing from contact with the body the warmer particles of atmosphere, and as continually supplying cooler particles which more rapidly absorb the heat; the cooling sensation is in proportion to the rapidity of this process; so in like manner these breezes more rapidly cool the moist surface of the earth than if the atmosphere was calm.

Such breezes are a constant and enduring feature of the summer climate of Florida, as they occur with almost unvarying daily regularity; they must be experienced to be appreciated. This feature is the true secret of our cool nights, and it is a well known and universally recognized fact that there occur but few nights in summer when some covering is not found essential to comfort. The close, sweltering temperature so frequently met with at night in the interior of more northern States is rarely experienced in Florida.

As a reply to the multitude of questions concerning the line below which no frost is ever supposed to fall, we candidly say that there is no such thing as the frost line in Florida. Frosts occur throughout the entire State, with the possible exception of the extreme southern parts of Dade and Monroe counties. In the more northerly situated counties severe frosts often occur, but grow less frequent and less severe as we go further south.

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# **FERTILIZER DEPARTMENT**



**FOR YEARS 1903-4**

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## FERTILIZER DEPARTMENT.

Under this head is presented such matters as relate to the work in the laboratory, conducted under the immediate supervision of the State Chemist and the Assistant Chemist, the publication of the Monthly Bulletin, registering the Oath of Analysis by manufacturers, importers and dealers who wish to do business in this State, and the purchase and sale of the tax stamp.

This is one of the most important branches of business to the farmers and fruit growers of the State. I have given the matter much care and time during the four years. I have had the supervision of same. No intelligent man who has or will take the pains to inform himself as to the methods used in the conduct of this work, will doubt the value of this department to the consumer of fertilizers and cotton seed meal, as a protection to him against dealers in suprious or fraudulent goods. We are not only able to show that this department furnishes revenue to the Treasury Department to more than defray the expenses of the Agricultural Department proper, but, as is clearly set out in the State Chemist's report, the increase in value of fertilizers sold the people amounts to thousands of dollars.

From time to time, as experience indicated to me that more rigid rulings were necessary to give more uniform methods in the guaranteed analysis to be placed on each package, I have issued such orders, with due notice, giving reasonable time to all manufacturers and dealers, so they might adjust their work to meet the rule with as little detriment to them as practicable. I regard the system in a more perfect condition today than at any time since the establishment of the department. As indicated in my former report, the application of nearly a new fertilizer law, the education of the manufacturer and dealer up to a general understanding of a new law, and rulings, and that a violation meant trouble and expense to them, and to inform the people of their rights under the law, would require time, patience and labor, but that I felt then assured that the new system indicated good results. After the ap-

plication of the system for more than three years, we have only to look at the results from any standpoint to show we were correct in our conclusions.

### REQUIREMENTS.

All manufacturers, importers or dealers wishing to sell any kind of fertilizing materials or cotton seed meal in this State, are required to file in this office as a notice and guarantee of what they propose to sell, a sworn statement of the analysis of each brand of goods, between the 1st and the 15th of January of each year, and of any new brands they may wish to introduce from time to time during the year. They are required to place on each package their guaranteed analysis and to securely attach a tag bearing the State tax stamp. Any goods not so labeled are subject to attachment by any sheriff in the State. To encourage the officers of the law in enforcing the same, I have never allowed one attachment released under any circumstances until the officer has been fully paid his costs, and the law fully complied with. I am pleased to note that there is a general disposition on the part of manufacturers to comply with the law, which renders it necessary for those who would evade the law if they dared do so, to comply, for bona fide dealers will not submit to unfair competition on the market. No guaranteed analysis placed on a package is allowed to show a scaling grade as to any ingredient in the mixture, as potash 5 to 8, ammonia 6 to 9, etc., for in most cases I found the minimum indicated, represented the true analysis and the maximum was used to talk by and induce the purchaser to hope he was getting more than was the fact, while if the minimum was found in the goods, the seller was protected, hence the promulgation of the ruling that the manufacturer, etc., must guarantee specifically a certain amount, which guarantees that there is no less than the amount specified. It was the general rule, especially in cotton seed meal, to state the amount of nitrogen, amount of ammonia, protein, etc., all in a single column, which when added, indicated to the purchaser that he was obtaining more for his money than was true. Therefore the ruling that the ammonia only could go into the column representing a basis for value, as our law requires the statement of ammonia when it is claimed as an ingredient to be estimated for value. This ruling will allow placed in paren-

thesis (Nitrogen) equal to ammonia, or to state ammonia, say, 8 per cent., in parenthesis (equal to protine). The latter is granted to allow the manufacturer the benefit of the fact that many stock-feeders look for the protien and do not take the pains to know that nitrogen 5 per cent. multiplied by 1.214 equals the ammonia, and the ammonia multiplied by 5.15 equals the protein. You can readily see how the uninformed consumer could be misled and imposed upon. One other matter of this character should have special attention. Those dealing in kainit had been accustomed to guarantee the contents to be potash 12 per cent., sulphate of potash 23 to 24 per cent. The consumer had been educated on this line until he really thought his goods not up to the standard if they did not have sulphate of potash 23 to 24 per cent. on them, when in fact the potash is all there is in kainit that has a value as fertilizer, hence the order forbidding the two contents being on the guaranteed analysis, as it was misleading and unfair to the consumer.

#### THE TAX STAMP.

A practical application of the plan put in operation prior to my former report, relative to the tax stamp, has demonstrated beyond any question of a doubt that my first conclusions were correct, and that the policy has proven a success, as is clearly demonstrated by the tables hereto attached, showing the amount which has been paid into the State Treasury from this source, when compared with the four years preceding under the old system. When considering these figures, one must bear in mind that the tax of 25 cents per ton is today what it has been since this was made a part of the Agricultural Department. The further fact should be considered that much, if not all of the first year, 1901, was consumed in getting the plan in full operation. It may be said truthfully that resuscitating the orange industry is cause for the use of more fertilizer; conceding this to be true, compare the old system with the new, when Florida was growing from five to about six million boxes of oranges annually, and with less than one-third this amount, for the four years the present system has been in operation, and the proof is positive in favor of the present system.

The Treasurer's books show for the year 1901, the first year of my service, that the receipts from the sale of fer-

tilizer stamps was \$13,072.93. For the year 1902, \$17,188.05. For the year 1903, \$22,761.58, and for 1904, \$28,520.93, being a total for the four years ending December 31st, 1904, of \$81,543.49. While his books show that for the four years of 1897, 1898, 1899 and 1900, immediately preceding, the total receipts from this source amounted to \$28,051.13, which gives for the four years just closed, under our system, the neat sum of \$53,022.56 in excess of the four years preceding. It will be found, by reference to the reports from this department and to the State Treasurer's records, that the high water mark reached during the entire history of the fertilizer department prior to the present system, was the year 1894, when Florid had her largest crop of oranges, and that year shows \$11,016.35 receipts, which is \$2,056.58 less than was realized during the first year when we were trying to put into operation our plan, and is \$17,034.78 less than was realized during the fourth year of our work. These results have been obtained by much labor and continuous effort.

#### HOW THIS WORK IS CHECKED UP.

At the end of each month a detailed account of the work done in the sale of stamps is made up, and this is referred to the Treasurer's office and checked up by his cash receipts and approved by him, and then transmitted to the Governor to file in his office. This renders it certain that the work in this office is correct each month.

Formerly there was no record of the stamps and tags purchased, only a record of the sales and cash turned into the State Treasury. I at once opened a debit and credit account with the stamp business, correcting this defect, which shows the purchase and sale of all stamps and tags.

We have comparatively little trouble now in having those who purchase stamps to send the money with their order direct to the State Treasurer, who sends the order *only* to this department. This was for some time a source of annoyance, as it had been the custom to send the money and the order to this office. Manufacturers outside of this State often make this mistake, as it is usual in other States to send the money and order to the Agricultural Department, where it is expended to advance the work of the department, rendering an account of its use, and if a surplus, then it goes into the Treasury; while in Florida, all is turned into the Treasury and the department is left

to be conducted as best it can upon what the Legislature may see fit to appropriate for specific itemized work, no appropriation being convertible from one object to another, should the opportunity be presented, if a surplus for one purpose and a shortage in another.

### BULLETIN.

This pamphlet should be published monthly for the entire year, at least for eight months, for information to the public. The haste with which the appropriation bill is rushed through the last hours of the Legislature, worked a great hardship on this department for the last two years, as six months in one place and a year on another item, were omitted entirely from the enrolled bill, which forced us to stop the publication of the Bulletin for several months of 1904 and for the year 1905 until the appropriation to be made by the incoming Legislature can be made available.

The demand for the Bulletin has increased until our mailing list now passes the four thousand figure. It has been, and will continue to be our purpose, to print in each issue some matters of benefit to the agriculturalists of the State. The interest being manifested by consumers of fertilizers to know what the goods are worth and what the official analysis develops, the content of different brands to be, has made a demand for the Bulletin, as each issue contains the official and special analysis made by the State Chemist from month to month of each year, so that by the issue of the last Bulletin, for a season, one has a complete tabulated statement up to the date of the last issue.

From advices received from intelligent readers of the Bulletin and the increased demand, I feel sure it is doing a good work, and that the people of the State are entitled to this help from the department. We are willing to do the work if the Legislative branch will support the effort with sufficient means to pay for printing and postage. Here I will say that the postage to mail the pamphlet we are publishing, is not as great as when it was one-fourth the size and the number issued only about fifteen hundred copies. After several months correspondence with the U. S. Postal Department, I succeeded in having the Bulletin placed on the same basis as newspapers, which is a great saving to the State, amounting to some thirty to

forty dollars for each issue. In this connection I wish to state that I have been in correspondence with our U. S. Senators and Representatives in Congress, urging them to make an effort to have all bulletins, maps, pamphlets, etc., sent out by State Agricultural Departments to benefit the farming class, put on the franking basis by the Government. I have received assurances from each of them that an earnest effort will be put forth to this end.

### STATE CHEMIST BRANCH OF THE WORK.

The fertilizer work, and in fact the Agricultural Department proper, would be as a ship at sea without a rudder, if we were deprived of the benefit received from the laboratory work. The small sum allowed the State Chemist to travel and inspect fertilizers and to keep in touch with the dealers, has done much to aid in removing poor goods from the market and in forcing a compliance with the law in all its bearings. The State has received in actual cash many times the amount expended in this way, and as a direct result of the expenditure. In addition, it brings the department in close touch with the people.

The State Chemist and his able Assistant work in perfect harmony with the Commissioner, and we feel under obligations for the valuable aid received at their hands. They are alive to the work of bettering the condition of the producers of the State. The people are debtor to their most capable State Chemist, Hon. R. E. Rose, for valuable service that has been dollars in their pockets when they knew not from whence the benefit came. We urge the careful reading of the report given by the State Chemist, which is made a part of this report. The appropriation made by the last Legislature to improve the efficiency of the laboratory has more than repaid the cost in more prompt and efficient work.

The Fertilizer and Chemical Department is one branch of our work upon which every dollar expended by the Legislature has been as bread cast upon the waters, or seed sown on good ground, producing many fold as a return.

### NEEDS OF THIS BRANCH OF THE DEPARTMENT.

When we show that in four years the methods applied have put into the State Treasury the neat sum of \$81,-  
Agri. 14

543.49, it seems useless to argue that the work has materially increased and requires more help. The correspondence and book-keeping has increased in proportion to the revenue. I most earnestly urge an appropriation of fifty dollars a month for clerical assistance in this work, and for sufficient funds to do the printing necessary to conduct the work effectually. The State Treasurer has been asked each year to carry as cash the bills to purchase the stamps we use, or we would be forced to stop the sale of fertilizer stamps, or to treat the law as a dead letter. I have just explained that the Bulletin was stopped for want of funds to print it. I trust the Legislators, who are the representatives of the people, will have due regard for the needs of the department which is conducted more directly for the benefit of the masses than any other branch of our work.

#### WHO ARE BENEFITED BY THIS BRANCH OF THE WORK.

The citizenship of the State at large reap the fruits from an increased revenue. By the proper enforcement of the law, the consumers of all kinds of fertilizers and cotton seed meal, have a strong barrier against spurious and fraudulent goods being imposed upon them. They receive full and free information as to the values of the various ingredients that enter into the composition of fertilizers and the guaranteed analysis of what is in each package, together with the privilege of having the same verified by analysis, free of cost at the laboratory. Nor does it stop here. The importers and manufacturers, who are doing a legitimate business, fully realize that the enforcement of the law, gives them as much protection as the consumer, because it forces the cheap competitor to show his hand and sell on the merit of his product. In addition, the manufacturers use the analytical department freely to find proper value of the goods they purchase for mixing and for sale, which properly belongs to the commercial chemist and would cost \$15.00 to \$20.00 for each analysis made. We are disposed to help them all we can, until our work reaches a point we cannot execute the whole, when we have been forced to shut off this work to some extent. As it now stands, the manufacturer and importer have little ground to complain at the small tax he is paying.

## FERTILIZERS.

Table showing number of tons of Commercial Fertilizer and Cotton Seed Meal sold in the State of Florida during year 1903 upon which the tax of 25 cents per ton was paid.

| Months       | Commercial Fertilizer | Cotton Seed Meal | Amount       | Number of Stamps and Tags Issued |
|--------------|-----------------------|------------------|--------------|----------------------------------|
|              | Tons                  | Tons             | Tax Paid     |                                  |
| January .... | 19,504.00             | 1,840.76         | \$ 5,336.19  | 263,605                          |
| February ..  | 18,441.00             | 1,420.00         | 4,965.25     | 232,710                          |
| March ....   | 7,261.00              | 1,535.00         | 2,199.01     | 107,800                          |
| April .....  | 1,450.00              | 321.00           | 442.75       | 23,170                           |
| May .....    | 1,720.00              | 687.00           | 601.75       | 36,040                           |
| June .....   | 4,034.00              | 825.52           | 1,214.88     | 70,650                           |
| July .....   | 1,640.00              | 495.00           | 533.75       | 39,700                           |
| August ....  | 1,145.00              | 160.00           | 326.25       | 16,950                           |
| September    | 1,790.00              | 1,865.00         | 913.75       | 62,100                           |
| October ...  | 4,200.00              | 1,472.00         | 1,418.00     | 77,940                           |
| November .   | 4,925.00              | 1,680.00         | 1,651.25     | 99,250                           |
| December ..  | 10,785.00             | 1,850.00         | 3,158.75     | 167,500                          |
| Totals ...   | 76,895.00             | 14,151.28        | \$ 22,761.58 | 1,197,415                        |

Table showing number of tons of Commercial Fertilizer and Cotton Seed Meal sold in the State of Florida during year 1904 upon which the tax of 25 cents per ton was paid.

| Months      | Commercial Fertilizer | Cotton Seed Meal | Amount       | Number of Stamps and Tags Issued |
|-------------|-----------------------|------------------|--------------|----------------------------------|
|             | Tons                  | Tons             | Tax Paid     |                                  |
| January ... | 22,377.52             | 2,485.00         | \$ 6,215.63  | 313,850                          |
| February .. | 20,729.28             | 1,520.00         | 5,662.32     | 277,222                          |
| March ..... | 8,569.80              | 651.00           | 2,307.95     | 123,028                          |
| April ..... | 3,546.00              | 420.00           | 991.50       | 53,260                           |
| May .....   | 2,797.00              | 275.00           | 768.00       | 43,670                           |
| June .....  | 3,122.00              | 255.00           | 844.25       | 49,720                           |
| July .....  | 3,410.00              | 471.60           | 970.40       | 53,632                           |
| August .... | 1,065.00              | 270.00           | 333.75       | 20,300                           |
| September . | 5,550.00              | 1,030.00         | 1,645.00     | 91,100                           |
| October ... | 4,685.00              | 1,732.52         | 1,604.38     | 95,350                           |
| November .  | 8,460.00              | 1,400.00         | 2,465.00     | 135,800                          |
| December .. | 17,638.00             | 1,613.00         | 4,812.75     | 255,940                          |
| Totals ...  | 101,949.60            | 12,123.12        | \$ 28,520.93 | 1,512,872                        |

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**State Chemist's**  
**R E P O R T**



**FOR YEARS 1903-1904**

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## FINANCIAL REPORT OF THE STATE CHEMIST FOR 1903

Agricultural Department, State of Florida,  
Division of Chemistry,  
Tallahassee, Jan. 1, 1904.

To His Excellency, W. S. Jennings, Governor of Florida,  
Tallahassee, Fla.:

SIR:—I have the honor to submit the following report  
of the receipts and expenditures of this Division of the  
State Agricultural Department for the year ending De-  
cember 31, 1903:

Total amount received for inspection fees,  
fertilizer stamps on cotton seed meal, com-  
mercial fertilizers, and manurial chemicals \$ 22,761 58

|                                                                |          |
|----------------------------------------------------------------|----------|
| Paid salary State Chemist .....                                | 2,000 00 |
| Paid salary Assistant State Chemist .....                      | 1,591 65 |
| Paid traveling expenses State Chemist .....                    | 808 05   |
| Paid Laboratory supplies and Chemicals....                     | 336 24   |
| Paid improvements and additions to State La-<br>boratory ..... | 1,409 22 |

|                                            |             |
|--------------------------------------------|-------------|
| Total expenses .....                       | \$ 6,145 16 |
| Balance to credit of General Revenue ..... | 16,616 42   |

\$ 22,761 58

Respectfully submitted,  
R. E. ROSE,



## FINANCIAL REPORT OF THE STATE CHEMIST FOR 1904

Agricultural Department, State of Florida,  
Division of Chemistry,  
Tallahassee, Jan. 1, 1905.

To His Excellency, W. S. Jennings, Governor of Florida,  
Tallahassee, Fla.:

SIR:—I have the honor to submit the following report  
of the receipts and expenditures of this Division of the  
State Agricultural Department for the year ending De-  
cember 31, 1904:

Total amount received for inspection fees,  
fertilizer stamps on cotton seed meal, com-  
mercial fertilizers, and manurial chemicals. \$ 28,518 18

|                                                                   |          |
|-------------------------------------------------------------------|----------|
| Paid salary State Chemist .....                                   | 2,000 00 |
| Paid salary Assistant State Chemist .....                         | 1,800 00 |
| Paid traveling expenses State Chemist .....                       | 829 43   |
| Paid Laboratory supplies and Chemicals.....                       | 1,048 38 |
| Paid improvements and additions to State La-<br>boratory .. ..... | 878 80   |

|                                            |             |
|--------------------------------------------|-------------|
| Total expenses .....                       | \$ 6,556 61 |
| Balance to credit of General Revenue ..... | 21,961 57   |

\$ 28,518 18

Respectfully submitted,

R. E. ROSE,  
State Chemist.

# FINANCIAL REPORT OF THE STATE CHEMIST FOR 1907

By J. H. HARRIS, State Chemist.

The State Chemist has the honor to acknowledge the receipt of the report of the State Chemist for the year 1907, and to state that the same has been examined and found correct. The report shows that the State Chemist has performed his duties in a satisfactory manner, and that the funds of the State have been properly accounted for. The report also shows that the State Chemist has been successful in securing the necessary funds for the operation of his office, and that he has been able to carry out his duties in a satisfactory manner.

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# State Chemist's Report, 1904.

To His Excellency,

W. S. Jennings,

Governor of Florida:

SIR:—I have the honor to submit the following report of the Division of Chemistry, Department of Agriculture of the State of Florida, for the year ending Dec. 31, 1904.

Respectfully,

R. E. ROSE,

State Chemist.

## INSPECTION OF FERTILIZERS.

During the year four general inspections have been made, visiting all parts of the State, from Pensacola to Jacksonville, Miami, and Tampa; where the largest manufacturing and depots are located. Numerous special trips have been made to interior points, visiting the factories at Gainesville, Orlando, Palmetto and depots at Palatka, Ocala and other points.

The vegetable, pineapple, orange and strawberry growers, the cotton and tobacco fields of the State, have also been visited, drawing samples of fertilizers direct from the consumer, and explaining to the farmer personally the agricultural and commercial value of the goods used. Samples of fertilizers have been drawn from the factory, the local warehouse, the field, and the depots of importers, in all sections of the State, thus securing representative samples of the various brands sold throughout the State.

Special attention has been given to instructing the consumer in the proper method of securing a fair sample in sending in the "Special Sample" by the purchaser, under Section 9 of the Fertilizer Law.

I am pleased to note that in most cases the "Special Sample" is now generally properly drawn, sealed, witnessed, and sent direct to the Commissioner of Agriculture, as the law directs. In past years this has not been the rule, but rather the exception.

The following regulations made by the Commissioner of Agriculture, and published in the Monthly Bulletins of the Department, during the year, has had a beneficial effect upon the "Special Sample;" seldom are badly drawn, improperly packed, sealed, witnessed, or directed "Special Samples" now received by the Department.

## SPECIAL NOTICE.

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"The attention of persons sending samples of fertilizers for analysis is called to the following:

### REGULATIONS GOVERNING THE TAKING AND FORWARDING OF FERTILIZER SAMPLES TO THE COMMISSIONER OF AGRICULTURE.

#### —SECTION 15 OF LAW.

Special samples of fertilizer sent in by purchasers, under Sec. 9 of the law approved May 22, 1901, shall be drawn in the presence of two disinterested witnesses, from one or more packages, thoroughly mixed and a FAIR SAMPLE OF THE SAME OF NOT LESS THAN EIGHT OUNCES (ONE-HALF POUND), SHALL BE PLACED IN A CAN OR BOTTLE, SEALED AND SENT BY A DISINTERESTED PARTY TO THE COMMISSIONER OF AGRICULTURE AT TALLAHASSEE. NOT LESS THAN EIGHT OUNCES, IN A TIN CAN OR BOTTLE WILL BE ACCEPTED FOR ANALYSIS. This rule is adopted to secure fair samples of sufficient size to make the necessary determinations, viz: Moisture, available and insoluble phosphoric acid, ammonia and potash; and to allow the preservation of a duplicate sample in case of protest or appeal. These duplicate samples will be preserved for two months from date of certificate of analysis.

The State Chemist is not the proper officer to receive special samples from the purchaser. The propriety of the method of drawing and sending the samples as fixed by the law is obvious.

The drawing and sending of special samples in rare cases is in compliance with law. Samples are frequently sent in paper packages or paper boxes, badly packed, and frequently in very small quantity (less than ounce), frequently there are no marks, numbers or other means of identification, the postmark in some instances being absent.

I would call the attention of those who desire to avail themselves of this privilege to Sections 9 and 10 of the law, which are clear and explicit.

## COPIES OF THE FERTILIZER LAW.

Citizens interested in the fertilizer law of the State, and desiring to avail themselves of its protection, can obtain a copy free of charge by sending for same to the Commissioner of Agriculture."

More than twelve thousand miles have been traveled by the State Chemist and Assistant during the year inspecting the fertilizers sold throughout the State. Coming in direct contact with the manufacturer, dealer and consumer; the very great increase in the revenue of the office, and particularly the increase in the quality of the goods sold in the State—without increase in price—is attributable to this system of inspection, and personal contact, between the manufacturer, dealer, consumer, and the State officer charged with protecting the consumer, dealer, and honest manufacturer, from the vendor of deficient or fraudulent goods.

While the increase in the revenue to the State under the present law and system of inspection has been great—some *two hundred and eighty per cent.* during the four years of its existence—the increase in the value, or *quality*, of the fertilizer sold—at same prices as under the previous law—has saved to the consumer a very much greater sum. The increase in the quality of goods sold has averaged 10 per cent., the average value (or price) of fertilizers sold in the State has been \$32.50 per ton, the amount consumed 114,072 tons, representing \$3,707,339.00, 10 per cent. of which, \$370,339, represents the increased value of the goods purchased by our farmers, truckers and fruit growers.

While a very large amount of this increase in revenue is attributable to the increased consumption of commercial fertilizers, the present system of inspection by the State Chemist, and careful collection of inspection fees, by the Commissioner of Agriculture, particularly in the case of cotton seed meal, has had a greater influence on the revenue, and is solely creditable for the increased quality of goods sold throughout the State.

This increase in revenue and quality of fertilizers has fully justified the small appropriation made by the State for inspection, and enforcement of the law.

## SPECIAL SAMPLES.

It is shown by the number of "Special Samples" (those sent in direct by the purchaser of fertilizers) that the law is becoming more generally understood by the farmer, fruit and vegetable grower. Purchasers who have any reason to doubt the correctness of the guarantee on the goods furnished them, do not hesitate to send in samples for analysis.

This right to have a sample of the goods purchased analyzed by the State Chemist, under Section 9 of the law—without charge—the inspection fees covering the cost of analysis, as well as inspection—has doubtless had a direct influence upon the increased quality of the goods sold in the State. When properly drawn, sealed, witnessed and transmitted, the "Special Sample" has proved a safeguard to the consumer, legitimate dealer, and manufacturer, and a check upon the careless, ignorant, or fraudulent vendor or manufacturer.

It furnishes the consumer with the same protection demanded by the manufacturer, who buys his materials only upon the guarantee, and pays for them according to analysis.

By far the largest amount of commercial fertilizers used in Florida, are manufactured or mixed by factories in the State. Large amounts of fertilizing materials are imported direct by factories, and dealers located at our sea port cities; cargoes of potash salts direct from Germany are now frequently received by Florida importers, while large amounts of acid phosphate are manufactured at and exported from the various Gulf and Atlantic ports.

Florida consumers may now purchase their fertilizers and chemicals at Florida sea ports as cheaply as at any of the sea ports of the country.

No consumer demands a higher class of fertilizers than do the vegetable and fruit growers of Florida. No class of producers are better qualified to judge the value of goods furnished; that the Florida dealer and manufacturer recognize the fact that they have to meet the critical demands of unusually intelligent and capable consumers is evidenced by the high average of the goods furnished, and the comparatively reasonable prices demanded therefor.

The average analysis of all mixed fertilizers, officially drawn and analyzed, during the year was as follows:

|                           | Available  |             |            |
|---------------------------|------------|-------------|------------|
|                           | Ammonia.   | Phos. Acid. | Potash.    |
| Guaranteed analysis ..... | 3.75 p. c. | 5.87 p. c.  | 6.83 p. c. |
| Official analysis .....   | 3.95 p. c. | 6.58 p. c.  | 7.20 p. c. |
| Excess above guarantee.   | 0.20 p. c. | 0.71 p. c.  | 0.37 p. c. |

Or an average of 17.73 per cent., 354.6 pounds of actual plant food per ton of fertilizer. This is above the average of similar goods sold throughout the United States, which is about 15 per cent., or 300 pounds of plant food per ton.

### ANALYTICAL WORK.

During the year there have been made the following analysis:

|                                                   |     |
|---------------------------------------------------|-----|
| Official samples .....                            | 133 |
| Special samples .....                             | 167 |
| Miscellaneous samples, minerals, waters, etc..... | 102 |
| Total number of complete analysis .....           | 402 |

involving some 1,600 or more determinations.

We find that there were 86 brands of complete or mixed fertilizers, officially sampled and analyzed; that 49 official samples of cotton seed meal, potashes, nitrates, tobacco dust, etc., were analyzed.

Of the mixed or complete samples an excess greater than .20 than the guarantee was found, as follows:

|                                 |             |
|---------------------------------|-------------|
| Available phosphoric acid ..... | 74 samples. |
| Ammonia .....                   | 58 samples. |
| Potash (K <sub>2</sub> O) ..... | 44 samples. |

A deficiency .20, less than the guarantee was found, as follows:

|                                 |             |
|---------------------------------|-------------|
| Available phosphoric acid ..... | 6 samples.  |
| Ammonia .....                   | 27 samples. |
| Potash (K <sub>2</sub> O) ..... | 25 samples. |

We find that 22 samples had an excess greater than .20 in all three elements guaranteed.

That 32 samples had an excess in two elements.

That 47 had an excess in one element.

Also that none were deficient to a greater extent than .20 in each or all of the guaranteed elements.

That 7 were deficient in two elements.

That 43 were deficient in one element.

Eighty-six per cent. of the official samples show an excess greater than .20 in available phosphoric acid.

Sixty-seven per cent. show an excess in ammonia.

Fifty-one per cent. show an excess in potash.

Seven per cent. show a deficiency greater than .20 in phosphoric acid.

Thirty-one per cent. show a deficiency in ammonia.

Twenty-nine per cent. show a deficiency in potash.

The average of all the official samples show an excess over guarantee, as follows:

|                  | Available  |             |            |
|------------------|------------|-------------|------------|
|                  | Ammonia.   | Phos. Acid. | Potash.    |
| Guaranteed ..... | 3.75 p. c. | 5.87 p. c.  | 6.83 p. c. |
| Found .....      | 3.95 p. c. | 6.58 p. c.  | 7.20 p. c. |
| Excess .....     | 0.20 p. c. | 0.71 p. c.  | 0.37 p. c. |

NOTE.—An allowance of .20 (or twenty points) is allowed in all cases, on account of variations in samples. Except where extreme care is exercised it is found difficult to secure two samples that do not vary in results. This allowance, .20 points, for variation is generally made by members of the Association of Official Agricultural Chemists, though no rule has yet been officially adopted by the Association.

The average price, in ton lots, from the price lists of eight manufacturers and dealers quoting prices on 121 distinct brands, and selling the bulk of the fertilizers used in the State, was \$32.50 per ton.

The average State value of these goods was \$27.60 per ton, including cost mixing and bagging (\$1.25), showing an average excess of but \$4.90 per ton over "State values."

This profit or excess over "State values" (market values in ton lots of fertilizer materials at Florida sea ports) is less than corresponding profits reported in other States.

Showing that consumers demand a better grade of goods, with a larger percentage of plant food, and that Florida manufacturers and dealers meet the demand.

### HIGH AND LOW GRADE FERTILIZERS.

In those parts of the State largely devoted to cotton growing, there are still used very considerable quantities of "low grade" goods, having not to exceed 240 pounds of "plant food," generally known as "8-2-2 grades" or "10-1-1" goods. Their relative value is much less than the higher grade goods demanded by the fruit and vegetable growers of the State, with their smaller areas of intensely cultivated fields.

The same quality of plant food (240 pounds) contained in a ton of "8-2-2 goods" may be had in 1280 pounds (or less) of higher grade goods, or less than two-thirds of the bulk or weight. In other words, two tons of the higher grade goods have more actual value than three tons of the lower grade, and will actually cost less at the factory, saving the profit (\$5.80) on one ton, also the freight, hauling and handling of a ton of useless matter.

Three tons of "8-2-2" goods contains 720 pounds of plant food, and will cost \$66.00, or 9.2 cents per pounds of actual "plant food."

The "State values" for these goods, for 1904, was \$16.20 per ton, \$48.60 for three tons—a difference of \$17.40 over "State values," 23½ per cent excess.

Two tons of higher grade goods, containing 800 pounds of "plant food" (400 pounds each, 20 per cent.) of the best quality of material, can be purchased for \$64.00, or \$32.00 per ton.

These goods may be of either of the following formulas:

| Available Phosphoric Acid—Ammonia—Potash—State Value |         |         |         |
|------------------------------------------------------|---------|---------|---------|
|                                                      | Pr. Ct. | Pr. Ct. | Pr. Ct. |
| 1. Cotton                                            | 10      | 4       | 6       |
| 2. Cane                                              | 8       | 4       | 8       |
| 3. Vegetable                                         | 8       | 5       | 7       |
| 4. Fruits                                            | 6       | 3       | 11      |
| Average                                              | 8       | 4       | 8       |
|                                                      |         |         | \$30.30 |

These two tons of higher grade goods would have a "State value" averaging \$1.70 below the average market price of the materials necessary for their compounding, and the cost of mixing and bagging.

At current market prices for chemicals and fertilizer materials, at Florida sea ports (see market prices), in one ton lots, the above formulas will be mixed and bagged, by responsible Florida factories.

#### FORMULA NO. 1.—FOR COTTON.

1430 lbs. 14 pr. ct. Acid Phos = 200 lbs. = 10 pr ct. Avail'ble  
 320 lbs. 25 pr ct. Sulphate Ammonia = 80 lbs. = 4 pr. ct. Ammonia  
 250 lbs. 48 pr. ct. Sulphate Potash = 120 lbs. = 6 pr. ct. Potash.

20 pr ct. plant food

Market value of materials, mixed and bagged \$30.25.

#### FORMULA NO. 2.—FOR CANE, CORN OR POTATOES.

850 lbs. of H. G. Blood and Bone  
 10 per cent = 85 lbs. = 4 25 pr. ct. Am'onia.  
 7 per cent = 56 lbs. = 2.80 pr ct Phos Acid.  
 750 lbs. 14 pr cent Acid Phos. = 105 lbs. = 5.25 pr ct Phos Acid  
 300 lbs. Sulphate Potash 48 pr ct = 144 lbs. = 7.00 pr. ct. Potash.  
 100 lbs. Sulphate Potash 26 pr ct = 26 lbs. = 1.30 pr. ct. Potash.

20 60 pr ct plant food.

Market value of materials, mixed and bagged \$30.25.

#### FORMULA NO. 3.—FOR VEGETABLES.

400 lbs Sulphate Am'onia 25 pr ct = 100 lbs = 5 pr. ct. Ammonia  
 1150 lbs 14 pr ct Acid Phosphate = 161 lbs = 8 pr. ct Avail'ble.  
 250 lbs. Muriate Pot sh 48 pr. ct. = 120 lbs = 6 pr. ct. Pot sh.  
 200 lbs Kimit 12 per cent = 24 lbs = 1.4 pr. ct. Pot sh.

20 04 pr. ct. plant food

Market value of materials mixed and bagged \$31 82

#### FORMULA NO. 4 -- FOR FRUITS, MELONS, STRAWBERRIES.

460 lbs. Sulphate Potash 48 pr. ct. = 220 lbs = 11 pr. ct. Potash.  
 900 lbs Acid Phosphate 14 pr. ct. = 126 lbs = 6.3 pr. ct. Phos Acid  
 200 lbs. Nitrate Soda 17 pr. ct. = 34 lbs = 1.7 Ammonia.  
 440 lbs. Cotton Seed Meal 7 pr. ct. = 30 lbs = 1.5 Ammonia.

20.5 pr ct plant food.

These formulas are given simply to illustrate the relative cost, or market value of the materials used in compounding fertilizers, and to show the great difference in actual cost or value between the high and low grade goods sold.

In this connection, I quote as follows from Bulletin No. 99 of the Vermont Experiment Station, the State values of Vermont being practically the same as those found correct for Florida, being the retail prices (ton lots) for raw materials in the larger sea port markets:

"The brands may be classified as to valuation as follows:

|                                                 |         |
|-------------------------------------------------|---------|
| Low grade, valuing at \$17 or less .....        | \$14.43 |
| Medium grade, valuing at \$17.01 to \$23.....   | 18.84   |
| High grade, valuing at \$23.01 and upwards .... | 26.36   |

The composition, selling price and valuation of the average brand of each group appears below:

|              | Available<br>phos |      |        | Total<br>plant food<br>pounds | Average<br>selling<br>price | Average<br>state<br>valuation |
|--------------|-------------------|------|--------|-------------------------------|-----------------------------|-------------------------------|
|              | Nitrogen          | acid | Potash |                               |                             |                               |
| Low grade    | 1.13              | 8.28 | 2.50   | 11.9                          | \$25.84                     | \$14.43                       |
| Medium grade | 2.22              | 8.72 | 3.66   | 14.4                          | 29.07                       | 18.84                         |
| High grade   | 3.23              | 8.05 | 8.42   | 19.7                          | 35.62                       | 26.36                         |

A survey of this table indicates that:

1. The proportion of nitrogen increases in regular graduations from group to group; that of phosphoric acid is fairly uniform in the lower and upper grades and increases a half per cent. in the medium grade, while the potash increases one per cent. in the medium and six per cent. in the high grade brands, as compared with the lower ones.

2. The low grade goods carry over seven times as much phosphoric acid as they do nitrogen and over three times as much phosphoric acid as they do potash. These proportions become, roughly, four and two and one-half in the medium grades. In the high grade fertilizers there are but two and one-half times as much phosphoric acid as nitrogen, and rather more potash than phosphoric acid. The latter grade more closely resembles the proportions commonly present in plants than do either of the other grades.

3. The medium grade goods, for an eighth advance in price over the cost of the low grade brands, offer a fifth more plant food and nearly a third more commercial value.

"The high grade fertilizers for but little more than a third advance in price over the cost of the low class goods, furnish two-thirds more plant food and five-sixths more commercial value."

## STATE VALUES.

It is not intended by the "State valuation" to fix the price or commercial value of a given brand. The "State values" are the market prices for the various approved chemicals and materials used in mixing or manufacturing commercial fertilizers, at the date of issuing a bulletin, or the opening of the "season." They may, but seldom do, vary from the market prices, and are made liberal to meet any slight advance or decline.

They are compiled from price lists and commercial reports by reputable dealers and journals.

The question is frequently asked: "What is 'Smith's Fruit and Vine' worth per ton?" Such a question cannot be answered categorically. By analysis, the ammonia, available phosphoric acid, and potash may be determined, and the inquirer informed what the cost of the necessary material to compound a ton of goods similar to "Smith's Fruit and Vine" would be, using none but accepted and well known materials of the best quality.

State values do not consider "trade secrets," loss on bad bills, cost of advertisements, and expenses of collections. The "State value" is simply the price at which the various ingredients necessary to use in compounding a fertilizer can be purchased for cash in ton lots at Florida sea ports.

These price lists, in one, five and ten lots, are published in this report, with the "State values" for 1905 deducted therefrom.

The valuation for 1905 being the same as for 1904, excepting in case of ammonia, which has been advanced to 15½ cents per pound, or to \$3.10 per unit of 20 pounds.

## STATE VALUATIONS.

**For Available and Insoluble Phosphoric Acid, Ammonia and Potash for the Season of 1905.**

|                                                   |                   |
|---------------------------------------------------|-------------------|
| Available Phosphoric Acid .....                   | 5 cents a pound   |
| Insoluble Phosphoric Acid .....                   | 1 cent a pound    |
| Ammonia (or its equivalent in nitrogen) .....     | 15½ cents a pound |
| Potash (as actual potash, K <sub>2</sub> O) ..... | 5½ cents a pound  |

**If calculated by units—**

|                                 |                 |
|---------------------------------|-----------------|
| Available Phosphoric Acid ..... | \$1.00 per unit |
|---------------------------------|-----------------|

Insoluble Phosphoric Acid ..... 20 cents per unit  
 Ammonia (or its equivalent in nitrogen) ... \$3.10 per unit  
 Potash ..... \$1.10 per unit

With a uniform allowance of \$1.50 per ton for mixing and bagging.

A unit is twenty pounds, or 1 per cent. in a ton. We find this to be easiest and quickest method for calculating the value of fertilizer. To illustrate this, take for example a fertilizer which analyzes as follows:

|                                |                 |         |       |
|--------------------------------|-----------------|---------|-------|
| Available Phosphoric Acid..... | 6.22 per cent.x | \$1.00— | 6.22  |
| Insoluble Phosphoric Acid..... | 1.50 per cent.x | .20—    | .30   |
| Ammonia .....                  | 3.42 per cent.x | 3.10—   | 10.60 |
| Potash .....                   | 7.23 per cent.x | 1.10—   | 7.95  |
| Mixing and bagging .....       |                 |         | 1.50  |

Commercial value at sea ports ..... 26.57

Or a fertilizer analyzing as follows:

|                                |              |         |        |
|--------------------------------|--------------|---------|--------|
| Available phosphoric acid..... | 8 per cent.x | \$1.00— | \$8.00 |
| Ammonia .....                  | 2 per cent.x | 3.10—   | 6.20   |
| Potash .....                   | 2 per cent.x | 1.10—   | 2.20   |
| Mixing and bagging .....       |              |         | 1.50   |

Commercial value, at sea ports.....\$17.90

The above valuations are for cash for materials delivered at Florida sea ports, and they can be bought in one ton lots at these prices at the date of issuing this Bulletin. Where fertilizers are bought at interior points, the additional freight to that point must be added.

If purchased in car load lots for cash, a reduction of ten per cent. can be made in above valuations, i. e.:

|                                          |                   |
|------------------------------------------|-------------------|
| Available Phosphoric Acid .....          | 90 cents per unit |
| Potash (K <sub>2</sub> O) .....          | 99 cents per unit |
| Ammonia (or equivalent in nitrogen) .... | \$2.79 per unit   |

The valuations and market prices in succeeding illustrations, are based on market prices for one ton lots.

## MARKET PRICES OF CHEMICALS AND FERTILIZING MATERIALS AT FLORIDA SEA PORTS,

JANUARY 4, 1904.

|                 | Less than<br>5 tons. | 5 to 10<br>tons. | 10 tons<br>& over. |
|-----------------|----------------------|------------------|--------------------|
| Ammoniates.     |                      |                  |                    |
| Nitrate of Soda | 17 per cent.         |                  |                    |

|                                                |         |         |         |
|------------------------------------------------|---------|---------|---------|
| Ammonia .....                                  | \$55.00 | \$54.50 | \$54.00 |
| Sulphate of Ammonia 25 per cent. Ammonia ..... | 72.00   | 71.50   | 71.00   |
| Dried Blood 16 per cent. Ammonia .....         | 55.00   | 54.50   | 54.00   |

## POTASH.

|                                                                       |       |       |       |
|-----------------------------------------------------------------------|-------|-------|-------|
| High Grade Sulphate Potash 48 per cent. Potash (K <sub>2</sub> O) ..  | 52.00 | 51.00 | 50.00 |
| Low Grade Sulphate Potash 26 per cent. Potash (K <sub>2</sub> O) .... | 32.00 | 31.00 | 30.00 |
| Muriate of Potash 50 per cent. Potash (K <sub>2</sub> O) .....        | 46.00 | 45.00 | 44.00 |
| Nitrate Potash, 13 Am., 42 Potash (K <sub>2</sub> O) .....            | 82.00 | 81.00 | 80.00 |
| Kainit 12 per cent. Potash....                                        | 14.00 | 13.50 | 13.00 |
| Canada Hardwood Ashes 4 per cent. (K <sub>2</sub> O) Potash .....     | 17.00 | 16.50 | 16.00 |

## AMMONIA AND PHOSPHORIC ACID.

|                                                                                   |       |       |       |
|-----------------------------------------------------------------------------------|-------|-------|-------|
| High Grade Blood and Bone, 10 per cent. Ammonia 7 per cent. Phosphoric Acid ..... | 37.00 | 36.50 | 36.00 |
| Low Grade Blood and Bone, 6½ per cent. Ammonia, 8 per cent. Phosphoric Acid ..... | 29.00 | 28.50 | 28.00 |
| Owl Brand Tankage, 5½ per cent. Ammonia .....                                     | 20.00 | 19.50 | 19.00 |
| Raw bone 4 per cent. Ammonia 22 per cent. Phosphoric Acid                         | 31.00 | 30.50 | 30.00 |
| Ground Castor Pomace 6 per cent. Ammonia, 2 per cent. Phosphoric Acid .....       | 23.00 | 22.50 | 22.00 |
| Bright Cotton Seed Meal 8 per cent. Ammonia market quotations .....               | 28.00 | 27.50 | 27.00 |
| Dark Cotton Seed Meal, 6 per cent. Ammonia, market quotations .....               | 22.00 | 21.50 | 21.00 |

## PHOSPHORIC ACID.

|                                                                         |       |       |       |
|-------------------------------------------------------------------------|-------|-------|-------|
| Double Super Phos., 45 per cent. Available Phosphoric Acid .....        | 46.00 | 45.50 | 45.00 |
| High Grade Acid Phosphate, 16 per cent. Available Phosphoric Acid ..... | 17.00 | 16.50 | 16.50 |
| Acid Phosphate 14 per cent. Available Phosphoric Acid..                 | 15.00 | 14.50 | 14.00 |
| Boneblack 17 per cent. Available Phosphoric Acid .....                  | 25.00 | 24.50 | 24.00 |
| Odorless Phosphate .....                                                | 25.00 | 24.50 | 24.00 |

## MISCELLANEOUS.

|                                                                           |       |       |       |
|---------------------------------------------------------------------------|-------|-------|-------|
| H. G. Ground Tobacco Stems, 3 per cent. Ammonia, 9 per cent. Potash ..... | 25.00 | 24.50 | 25.00 |
| Pulverized Ground Tobacco Stems .....                                     | 16.00 | 15.00 | 15.00 |
| Tobacco Dust, No. 1, 3 per cent. Ammonia, 2 K <sub>2</sub> O Potash ..... | 21 00 | 20.50 | 20.00 |
| Tobacco Dust, No. 2, 1½ per cent. Ammonia, 1½ per cent. Potash .....      | 16.00 | 15.50 | 15.00 |
| Dark Tobacco Stems, baled.....                                            | 16.00 | 15.50 | 15.00 |
| Land plaster in sacks.....                                                | 10.50 | 10.25 | 10.00 |

in addition to the cost of the materials used.

OIL PAINT AND DRUG REPORTER'S NEW YORK  
WHOLESALE PRICES CURRENT.—  
FERTILIZER MATERIALS.

NOTE.—Our prices are for large lots, except when otherwise specified, and buyers of small quantities must expect to pay an advance on these figures.

Saturday Evening, Dec. 24, 1904.

## AMMONIATES.

|                                                                                                                            |        |   |       |
|----------------------------------------------------------------------------------------------------------------------------|--------|---|-------|
| Ammonia sulphate spot per 100 lbs.....                                                                                     | \$3.18 | @ | 3.20  |
| future .....                                                                                                               | 3.25   | @ | 3.30  |
| Fish scrap, dried, 10 p. c. ammonia and<br>14 p. c. bone phosphate, f. o. b. fish<br>works, per ton .....                  | 2.60   | & | 10    |
| ground .....                                                                                                               | 31.50  | @ | 33.00 |
| wet, acidulated, 6 p. c. ammonia f.<br>o. b. fish works .....                                                              | 2.20   | & | 35    |
| Ground fish guano, imported, 10 and 11<br>p. c. ammonia and 15-17 p. c. bone<br>phosphate, c. i. f. N. Y., Balt. or Phil.. | 2.65   | & | 10    |
| Azotine, per unit .....                                                                                                    | 2.60   | @ | 2.65  |
| Tankage, concentrated, 15@16 p. c.,<br>f. o. b. Chicago .....                                                              | 2.40   | @ | 2.45  |
| Tankage, 10-17 p. c. and 10-15 p. c.,<br>f. o. b. Chicago .....                                                            | 2.40   | @ | 10    |
| Tankage, 9 and 20 p. c., f. o. b. Chicago..                                                                                | 2.25   | & | 10    |
| Tankage, 7 and 30 p. c., f. o. b. Chicago<br>per ton .....                                                                 | 16.00  | @ | 17.00 |
| Tankage, 6 and 35 p. c., f. o. b. Chicago..                                                                                | 16.00  | @ | 17.00 |
| Garbage, tankage .....                                                                                                     | 8.00   | @ | 9.00  |
| Hoofmeal, f. o. b. Chicago, per unit....                                                                                   | 2.45   | @ | 2.50  |
| Dried blood, 12-13 p. c. ammonia, f. o. b.<br>New York .....                                                               | 2.60   | @ | 2.65  |
| Dried blood, high grade, f. o. b. Chicago.                                                                                 | 2.65   | @ | 2.70  |
| Nitrate of soda, 96 p. c. spot, per 100 lbs.                                                                               | 2.37½  | @ | —     |
| future, 95 p. c. ....                                                                                                      | 2.35   | @ | 2.40  |
| Nitrate of soda, 95 p. c. spot .....                                                                                       | 2.35   | @ | —     |
| future, 95 p. c. ....                                                                                                      | 2.32½  | @ | 2.37  |

## PHOSPHATE.

|                                                           |       |   |       |
|-----------------------------------------------------------|-------|---|-------|
| Acid phosphate .....                                      | 60    | @ | 67½   |
| Bones, junk, per ton .....                                | 16.00 | @ | 16.50 |
| butcher .....                                             | 16.00 | @ | 17.00 |
| ground, steamed .....                                     | 23.00 | @ | 24.00 |
| unground, steamed .....                                   | 19.00 | @ | 20.00 |
| hard boiled .....                                         | 21.00 | @ | 22.00 |
| Bone black refuse, 52 to 72 p. c. bone<br>phosphate ..... | 11.00 | @ | 16.00 |

|                                                                                   |      |   |      |
|-----------------------------------------------------------------------------------|------|---|------|
| Phosphate rock, f. o. b. Char'n.....                                              | 5.00 | @ | 7.00 |
| Tenn .....                                                                        | 3.25 | @ | 4.25 |
| So. Carolina phosphate rock, ground,<br>per 2,000 lbs., f. o. b. Ashley River.... | 3.25 | @ | 3.50 |
| So. Carolina phosphate rock, kiln dried,<br>f. o. b. Ahley River .....            | 3.50 | @ | —    |
| Florida land pebble phosphate rock, f. o.<br>b. Fernandina, per ton .....         | 3.75 | @ | 4.00 |
| Florida high grade phosphate hard rock,<br>f. o. b. Fernandina, per ton .....     | 7.25 | @ | 7.50 |

## POTASHES.

|                                             |       |   |       |
|---------------------------------------------|-------|---|-------|
| Muriate potash, 80 p.c., spot, per 100 lbs. | 1.88  | @ | 1.91½ |
| Muriate potash, 80 p. c., future.....       | 1.83  | @ | 1.86½ |
| Manure salt, 20 p. c., actual potash.....   | 64    | @ | 67    |
| dbl. m're alt, 48 p. c. ....                | 1.12  | @ | 1.14½ |
| Sulphate potash (basis 90 p. c.) .....      | 2.11  | @ | 2.14  |
| Kainit, in bags, 2,240 lbs.....             | 10.05 | @ | 10.55 |
| Kainit, in bulk, do .....                   | 9.05  | @ | 9.55  |

## COMPOSITION OF FERTILIZER MATERIALS.

## NITROGENOUS MATERIALS.

|                            | Pounds per Hundred. |                 |        |
|----------------------------|---------------------|-----------------|--------|
|                            | Ammonia             | Phosphoric Acid | Potash |
| Nitrate of Soda .....      | 17 to 19            | .....           | .....  |
| Sulphate of Ammonia .....  | 21 to 24            | .....           | .....  |
| Dried Blood .....          | 12 to 17            | .....           | .....  |
| Concentrated Tankage ..... | 12 to 15            | 1 to 2          | .....  |
| Bone Tankage .....         | 6 to 9              | 10 to 15        | .....  |
| Dried Fish Scrap .....     | 8 to 11             | 6 to 8          | .....  |
| Hoof Meal .....            | 13 to 17            | 1½ to 2         | .....  |

## PHOSPHATE MATERIALS.

|                       | Pounds per Hundred. |                 |                 |
|-----------------------|---------------------|-----------------|-----------------|
|                       | Ammonia             | Phosphoric Acid | Phosphoric Acid |
| Florida Rock Phos.... | .....               | .....           | 33 to 35.       |
| Florida Pebble Phos.. | .....               | .....           | 26 to 32        |
| Florida Super Phos... | .....               | 14 to 19        | 1 to 6          |
| Ground Bone .....     | 3 to 6              | 5 to 8          | 15 to 17        |
| Steamed Bone .....    | 2 to 4              | 6 to 9          | 10 to 20        |
| Dissolved Bone .....  | 2 to 4              | 13 to 15        | 2 to 3          |

## POTASH MATERIALS AND FARM MANURES.

|                          | Pounds per Hundred. |         |                   |           |
|--------------------------|---------------------|---------|-------------------|-----------|
|                          | Actual Potash       | Am'nia  | Phos. phoric Acid | Lime      |
| Muriate of Potash .....  | 50                  | .....   | .....             | .....     |
| Sulphate of Potash ....  | 48 to 52            | .....   | .....             | .....     |
| Double Sul.of Pot.& Mag. | 26 to 30            | .....   | .....             | .....     |
| Kainit .....             | 12 - 12½            | .....   | .....             | .....     |
| Sylvinit .....           | 16 to 20            | .....   | .....             | .....     |
| Sotton Seed Hu. Ashes.   | 15 to 30            | .....   | 7 to 9            | 10        |
| Wood Ashes, unbleached   | 2 to 8              | .....   | 1 to 2            | 30 to 25. |
| Wood Ashes, bleached     | 1 to 2              | .....   | 1 to 1½           | 35 to 40  |
| Tobacco Stems .....      | 5 to 8              | 2 to 4  | .....             | 3½        |
| Cow Manure (fresh) ..    | 0.40                | 0 to 41 | 0.16              | 0.31      |
| Horse Manure (fresh) ..  | 0.53                | 0 to 60 | 0.28              | 0.21      |
| Sheep Manure (fresh) ..  | 0.67                | 1.00    | 0.23              | 0.33      |
| Hog Manure (fresh) ..    | 0.60                | 0.55    | 0.19              | 0.08      |
| Hen Dung (fresh) ....    | 0.85                | 2.07    | 1.54              | 0.24      |
| Mixed Stable Manure ..   | 0.63                | 0.76    | 0.26              | 0.70      |

## FACTORS FOR CONVERSION.

To convert—

|                                                    |       |
|----------------------------------------------------|-------|
| Ammonia into Nitrogen, multiply by.....            | 0.824 |
| Ammonia into Protein by .....                      | 5.15  |
| Nitrogen into ammonia, multiply by .....           | 1.214 |
| Nitrate of soda into nitrogen, multiply by.....    | 16.47 |
| Nitrogen into Portein by .....                     | 6.25  |
| Bone phosphate into phosphoric acid, multiply by.  | 0.458 |
| Phosphoric Acid into Bone Phosphate, multiply by   | 2.184 |
| Muriate of Potash into actual potash, multiply by  | 0.632 |
| Actual potash into muriate potash, multiply by..   | 1.583 |
| Sulphate of potash into actual potash, multiply by | 0.541 |
| Actual potash into sulphate of potash, multiply by | 1.85  |

For instance you buy 95 per cent. of nitrate of soda and want to know how much nitrogen in it, multiply 95 per cent. by 16.47 you will get 15.65 per cent. nitrogen; you want to know how much ammonia this Nitrogen is equivalent to, then multiply 15.65 per cent. by 1.214 and you get 18.99 per cent., the equivalent in ammonia.

## CHEMICAL EQUIVALENTS.

Under the law and the regulations of the department, chemical equivalents of the three essential elements, Ammonia, Available Phosphoric Acid, and Potash, are not allowed in the guarantee. A few instances have been noted, particularly in cotton seed meals, when the Ammonia is guaranteed, and followed by a statement of the protein contents:

|                   |                 |
|-------------------|-----------------|
| As. Ammonia ..... | 5 per cent.     |
| Protein .....     | 25.75 per cent. |
| Or Ammonia .....  | 8 per cent.     |
| Protein .....     | 41.18 per cent. |

Such a guarantee is misleading, as the terms "Ammonia" and "Protein," are equivalent, and only represent the "Nitrogen" (or ammonia) content of the goods.

Multiplying the nitrogen by 1.21 gives the ammonia thus, 3 per cent. nitrogen X1.21 gives ammonia 3.63 per cent. or nitrogen 3 per cent. X6.25 gives "Protein" 18.75 per cent.

Exactly as multiplying one "dollar" by *ten* would give the ten "dimes," equal to the dollar. Or multiplying by 100 would give 100 cents, also the equivalent of a dollar. In neither case has the value been increased—simply larger or smaller denominations, expressing the same thing.

### FORMULAS FOR VEGETABLES.

As vegetables growing for the early markets is one of the most important industries of the State, a few accepted formulas have been selected from those recommended by various Experimental Stations, and from the experience of practical growers and manufacturers of standard commercial fertilizers. It is conceded that ammonia (or nitrogen) is required in relatively large quantities for succulent crops, such as cabbage, celery, lettuce, cucumbers, string beans, and for young fruit trees, to induce growth.

That phosphoric acid, is required for fiber production, and to mature the woody parts of plants.

That potash is demanded by starch and sugar producing plants, potatoes, beets, sugar cane, peaches, oranges, pine-apples, etc., to mature their sugars and starches. The predominate element required for different classes of vegetables or plants, is other things being equal.

For foliage crops, cabbage, lettuce, spinage, etc., ammonia. For woody plants and for fiber, phosphoric acid. For fruits, sugar and starch productions, potash.

*For Celery—7 per cent. Ammonia, 5 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

- |    |                               |   |        |   |                           |
|----|-------------------------------|---|--------|---|---------------------------|
| 1. | 300 lbs. Nitrate of Soda..... | } | yields | { | 6.9 pr ct Ammonia.        |
|    | 800 " Fish scrap.....         |   |        |   | 5.5 " Avail phos. acid    |
|    | 600 " Acid phos. 13 pr. ct.   |   |        |   | 7.8 " Potash.             |
|    | 300 Muriate potash.....       |   |        |   |                           |
|    | 2,000 lbs.                    |   |        |   |                           |
| 2. | 250 lbs. Nitrate of Soda..... | } | yields | { | 7.2 pr. ct. Ammonia.      |
|    | 600 " Dried Blood.....        |   |        |   | 5.5 pr ct avail p'os acid |
|    | 850 " Acid Phos. 13 pr. ct.   |   |        |   | 7.8 pr ct Potash.         |
|    | 300 " Muriate Potash.....     |   |        |   |                           |
|    | 2,000 lbs.                    |   |        |   |                           |

*For Irish Potatoes—6 per cent. Ammonia, 7 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

|    |                                 |          |                             |
|----|---------------------------------|----------|-----------------------------|
| 1. | 300 lbs. Nitrate of Soda.....   | } yields | 5.4 pr. ct. Ammonia....     |
|    | 600 lbs. Cot on Seed Meal...    |          | 7.2 pr. ct. avail phos acid |
|    | 800 lbs. Acid Phos. ....        |          | 8.1 pr. ct. Potash.....     |
|    | 300 lbs. Muriate Potash.....    |          |                             |
|    | 2,000 lbs.                      |          |                             |
| 2. | 300 lbs. Nitrate Soda.....      | } yields | 5.8 pr. ct. Ammonia....     |
|    | 600 lbs. Fish Scrap.....        |          | 6.8 pr. ct. avail phos acid |
|    | 800 lbs. Acid Phos., 14 pr. ct. |          | 7.8 pr. ct. Potash.....     |
|    | 300 lbs. Muriate Potash.....    |          |                             |
|    | 2,000 lbs.                      |          |                             |
| 3. | 200 lbs. Nitrate Soda.....      | } yields | 6.4 pr. ct. Ammonia....     |
|    | 900 lbs. Fish Scrap .....       |          | 6.6 pr. ct. avail phos acid |
|    | 600 lbs. Dissolved bone black   |          | 7.8 pr. ct. Potash.....     |
|    | 300 lbs. Muriate Potash.....    |          |                             |
|    | 2,000 lbs.                      |          |                             |
| 4. | 220 lbs. Nitrate Soda.....      | } yields | 6.1 pr. ct. Ammonia....     |
|    | 500 lbs. Dried Blood.....       |          | 6.8 pr. ct. avail phos acid |
|    | 970 lbs. Acid Phos. 13 pr. ct.  |          | 8.0 pr. ct. Potash.....     |
|    | 310 lbs. Muriate Potash.....    |          |                             |
|    | 2,000 lbs.                      |          |                             |
| 5. | 300 lbs. Nitrate Soda.....      | } yields | 5.4 pr. ct. Ammonia....     |
|    | 600 lbs. Cotton Seed Meal...    |          | 6.0 pr. ct. avail phos acid |
|    | 800 lbs. Acid Phos., 13 pr. ct. |          | 8.3 pr. ct. Potash.....     |
|    | 300 lbs. Muriate Potash.....    |          |                             |
|    | 2,000 lbs.                      |          |                             |

*For Radishes and Turnips—5 per cent. Ammonia, 7 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

|    |                                |          |                             |
|----|--------------------------------|----------|-----------------------------|
| 1. | 250 lbs. Nitrate Soda.....     | } yields | 4.6 pr. ct. Ammonia....     |
|    | 550 lbs. Cotton Seed Meal...   |          | 6.5 pr. ct. avail phos acid |
|    | 900 lbs. Acid Phos. 13 pr. ct. |          | 8.3 pr. ct. Potash.....     |
|    | 300 lbs. Muriate Potash.....   |          |                             |
|    | 2,000 lbs.                     |          |                             |

*For Asparagus—5 per cent. Ammonia, 7 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

|  |                                |          |                             |
|--|--------------------------------|----------|-----------------------------|
|  | 200 lbs. Nitrate Soda.....     | } yields | 4.9 pr. ct. Ammonia....     |
|  | 700 lbs. Cotton Seed Meal...   |          | 6.1 pr. ct. avail phos acid |
|  | 800 lbs. Acid Phos. 13 pr. ct. |          | 8.4 pr. ct. Potash.....     |
|  | 300 lbs. Muriate Potash.....   |          |                             |
|  | 12,000 lbs.                    |          |                             |

|                                |          |   |                           |
|--------------------------------|----------|---|---------------------------|
| 6. 300 lbs. Nitrate Soda.....  | } yields | { | 5.5 pr. ct. Ammonia...    |
| 600 lbs. Tankage.....          |          |   | 6.4 pr ct avail phos acid |
| 800 lbs. Acid Phos. 13 pr. ct. |          |   | 7.8 pr. ct. Potash.....   |
| 300 lbs Sulph potash, H. G.    |          |   |                           |
| 2,000 lbs.                     |          |   |                           |

*For Beets and Lettuce—6 per cent. Ammonia, 5 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

|                                |          |   |                           |
|--------------------------------|----------|---|---------------------------|
| 1. 300 lbs. Nitrate Soda.....  | } yields | { | 6.2 pr. ct Ammonia....    |
| 800 lbs. Cotton Seed Meal..    |          |   | 4.9 pr ct avail phos acid |
| 600 lbs. Acid Phos. 13 pr. ct. |          |   | 8.5 pr. ct. Pota h.....   |
| 300 lbs. Muriate Potash.....   |          |   |                           |
| 2,000 lbs                      |          |   |                           |
| 2. 200 lbs. Nitrate Soda.....  | } yields | { | 5.9 pr. ct. Ammonia....   |
| 800 lbs. Fish Scrap.....       |          |   | 5.4 pr ct avail phos acid |
| 700 lbs. Acid Phos. 11 pr. ct. |          |   | 7.8 pr. ct; Potash .....  |
| 300 Muriate Potash.....        |          |   |                           |
| 2,000 lbs.....                 |          |   |                           |

*For Cabbage, Cauliflower, Cucumbers and Melons—6 per cent. Ammonia, 5 per cent. Available Phosphoric Acid, 7 per cent. Potash.*

|                                |          |   |                           |
|--------------------------------|----------|---|---------------------------|
| 1. 200 lbs. Nitrate Soda.....  | } yields | { | 6.0 pr. ct. Ammonia....   |
| 750 lbs. Cotton Seed Meal..    |          |   | 4.8 pr ct avail phos acid |
| 700 lbs. Acid Phos. 11 pr. ct. |          |   | 7.1 pr. ct. Potash.....   |
| 200 lbs. Muriate Potash....    |          |   |                           |
| 2,000 lbs.                     |          |   |                           |

*For Spinach—5 per cent. Ammonia, 8 per cent. Available Phosphoric Acid, 6 per cent Potash.*

|                                |          |   |                           |
|--------------------------------|----------|---|---------------------------|
| 1. 200 lbs. Nitrate Soda.....  | } yields | { | 5.2 pr. ct. Ammonia...    |
| 650 lbs. Fish Scrap .....      |          |   | 7.7 pr ct avail phos acid |
| 950 lbs. Acid Phos 14 pr. ct.  |          |   | 6.0 pr. ct Potash.....    |
| 200 lbs. Muriate Potash....    |          |   |                           |
| 2,000 lbs.                     |          |   |                           |
| 2. 300 lbs. Nitrate Soda.....  | } yields | { | 5.0 pr. ct Ammonia        |
| 500 lbs. Cotton Seed Meal..    |          |   | 7.6 pr ct avail phos acid |
| 1,000 lbs Acid Phos 14 pr. ct. |          |   | 5.6 pr. ct. Potash.....   |
| 200 lbs. Muriate Potash ..     |          |   |                           |
| 2,000 lbs.                     |          |   |                           |

*For Egg Plant and Tomatoes 5 per cent. Ammonia per cent. Phosphoric Acid, 7 per cent. Potash.*

|                                |          |                            |
|--------------------------------|----------|----------------------------|
| 1. 200 lbs. Nitrate Soda.....  | } yields | } 4.9 pr. ct. Ammonia...   |
| 700 lbs. Cotton Seed Meal..    |          |                            |
| 840 lbs. Acid Phos. 13 pr. ct. |          |                            |
| 260 lbs. Muriate Potash....    |          |                            |
| 2,000 lbs.                     |          | 6.3 pr. ct avail phos acid |
|                                |          | 7.4 pr. ct. Potash.....    |

*For Onions, 5 per cent. Ammonia, 5 per cent. Available Phosphoric Acid, 8 per cent..*

|                                |          |                            |
|--------------------------------|----------|----------------------------|
| 1. 200 lbs. Nitrate Soda.....  | } yields | } 5.1 pr. ct. Ammonia...   |
| 750 lbs. Cotton Seed Meal..    |          |                            |
| 750 lbs. Acid Phos. 11 pr. ct. |          |                            |
| 300 lbs. Muriate Potash....    |          |                            |
| 2,000 lbs.                     |          | 5.1 pr. ct avail phos acid |
|                                |          | 8.5 Potash.....            |

*For Sweet Potatoes, 3 per cent. Ammonia, 7 per cent. Available Phosphoric Acid, 8 per cent. Potash.*

|                                  |          |                            |
|----------------------------------|----------|----------------------------|
| 1. 100 lbs. Nitrate Soda.....    | } yields | } 3.5 pr. ct. Ammonia....  |
| 400 lbs. Fish Scrap.....         |          |                            |
| 1,180 lbs. Acid Phos. 11 pr. ct. |          |                            |
| 320 lbs. Muriate Potash....      |          |                            |
| 2,000 lbs.                       |          | 7.8 pr. ct avail phos acid |
|                                  |          | 8.3 pr. ct. Potash.....    |

|                                  |          |                            |
|----------------------------------|----------|----------------------------|
| 2. 100 lbs. Nitrate Soda.....    | } yields | } 3.5 pr. ct. Ammonia....  |
| 500 lbs. Cotton Seed Meal..      |          |                            |
| 1,100 lbs. Acid Phos. 13 pr. ct. |          |                            |
| 300 Muriate Potash.....          |          |                            |
| 2,000 lbs.                       |          | 7.8 pr. ct avail phos acid |
|                                  |          | 8.3 pr. ct. Potash.....    |

*For Beans and Peas, 3 per cent. Ammonia, 7 per cent. Available Phosphoric Acid, 7 per cent. Potash.*

|                                  |          |                           |
|----------------------------------|----------|---------------------------|
| 1. 100 lbs. Nitrate Soda.....    | } yields | } 2.9 pr. ct. Ammonia.... |
| 450 lbs. Cotton Seed Meal..      |          |                           |
| 1,200 lbs. Acid Phos. 11 pr. ct. |          |                           |
| 250 lbs. Muriate Potash....      |          |                           |
| 2,000 lbs.                       |          | 7 pr. ct avail phos acid  |
|                                  |          | 6.9 pr. ct. Potash.....   |

Note.—In the preceding formulas, H. G. Sulphate may be substituted for Muriate of Potash wherever it occurs.

Muriate is ordinarily used by vegetable growers, though the sulphate is preferred by many. H. G. Sulphate, 48 per cent. potash, is now quoted at \$52.00 per ton or \$1.09 per unit of potash. Muriate, 50 per cent. potash, is quoted at \$46.00 per ton or 92 cents per unit.

# FORMULAS FOR COTTON.

The following formulas for cotton are the result of careful experiments by trained investigators on worn soil. It was found that cotton required a combination of nitrogen, phosphoric acid and potash. Phosphoric acid is the dominant element, however, with nitrogen standing next in importance. The relative proportion of the three important elements of plant food is one part nitrogen, two and a half of phosphoric acid, and three-fourths of potash. The quantities required by a crop of 300 pounds of lint cotton per acre are nitrogen 20 pounds, phosphoric acid 50 pounds, and potash 15 pounds. The different formulas given below are so calculated as to contain very nearly these quantities of the three important elements, and are so varied as to meet the requirements and convenience of almost every farmer. No one formula can be said to have any special advantage over the other; just use the one you can get together with the greatest convenience and least cost to yourself. Each one will analyze about 20 pounds of nitrogen, 50 pounds of phosphoric acid, and 15 pounds of potash in the whole formula. Fertilizers may be applied either in drill or broadcast where used liberally, but if used sparingly, drilling is considered preferable. Each formula represents the amount to be applied per acre to get the best results.

|                         |          |
|-------------------------|----------|
| Muriate of Potash ..... | 30 lbs.  |
| Acid Phosphate .....    | 334 lbs. |
| Nitrate of Soda .....   | 125 lbs. |

|                         |          |
|-------------------------|----------|
| Muriate of Potash ..... | 20 lbs.  |
| Acid Phosphate .....    | 281 lbs. |
| Cotton Seed Meal .....  | 235 lbs. |

|                              |          |
|------------------------------|----------|
| Cotton Seed Hull Ashes ..... | 45 lbs.  |
| Acid Phosphate .....         | 261 lbs. |
| Cotton Seed Meal .....       | 286 lbs. |

|                              |          |
|------------------------------|----------|
| Wood Ashes (unleached) ..... | 164 lbs. |
| Acid Phosphate .....         | 261 lbs. |
| Cotton Seed Meal .....       | 286 lbs. |

|                         |          |
|-------------------------|----------|
| Muriate of Potash ..... | 30 lbs.  |
| Acid Phosphate .....    | 334 lbs. |
| Dried Blood .....       | 167 lbs. |

|                                                        |          |
|--------------------------------------------------------|----------|
| Muriate of Potash .....                                | 10 lbs.  |
| Acid Phos. with Pot. (2 P. C., K <sub>2</sub> O) ..... | 312 lbs. |
| Cotton Seed Meal .....                                 | 286 lbs. |

|                       |           |
|-----------------------|-----------|
| Kainit .....          | 58 lbs.   |
| Acid Phosphate .....  | 300 lbs.  |
| Nitrate of Soda ..... | 70 lbs.   |
| Stable Manure .....   | 2000 lbs. |

|                         |          |
|-------------------------|----------|
| Muriate of Potash ..... | 20 lbs.  |
| Acid Phosphate .....    | 300 lbs. |
| Nitrate of Soda .....   | 64 lbs.  |
| Cotton Seed .....       | 132 bus. |

If you want to buy the goods already made, write to the manager of fertilizer factory nearest you and ask for a goods to analyze as follows:

|                                 | Per Cent. |
|---------------------------------|-----------|
| Available Phosphoric Acid ..... | 7.00      |
| Ammonia .....                   | 3.00      |
| Potash ..                       | 2.50      |

Use 400 pounds per acre.

If you prefer to make the goods yourself, buy 14 per cent. acid phosphate, kainit and cotton seed meal, and make up this mixture for each acre you intend to plant:

|                        | Pounds. |
|------------------------|---------|
| Acid Phosphate .....   | 200     |
| Cotton Seed Meal ..... | 145     |
| Kainit .....           | 80      |

If you want to plant ten acres then buy ten times those quantities and mix together. The mixture will analyze about as above, 7 per cent. available, 3 per cent. ammonia and 2½ per cent. potash. ¼

## MONTHLY BULLETIN.

The Bulletin of the Florida Agricultural Department, containing crop and weather reports, reports of current fertilizer analysis, etc., of direct interest to our farmers, has become a valuable adjunct to the State's Agricultural Department. In addition to the tabular reports of crops, conditions, acreage, etc., climatic reports and routine fertilizer work, each issue has information as to approved methods of fruit culture, vegetable growing, stock raising, generally compiled from the results of Experimental Stations by eminent specialists. The demand for this bulletin is large and constantly increasing.

Means to issue this Bulletin every month in the year should be provided. At present, the issue has to be suspended in August and September. †

The demand for this Bulletin is great throughout the State. The various questions treated are practical, and usually upon subjects of great interest to the farmers, fruit growers and stockmen of the State.

## MECHANICAL CONDITION.

Other things equal, the fertilizer in the best mechanical condition, finely ground, and uniformly mixed, will give the best results. Florida has now a number of fertilizer plants with machinery and facilities for the proper preparing and mixing of materials equal to any. There is no reason why improperly ground and mixed goods should be accepted.

## CHEMICAL COMBINATION; WET AND DRY MIXING.

The question is frequently asked, if an intimate mechanical mixture, is equal to a perfect chemical combination of fertilizing elements in field results. Much depends on materials used; pure salts, nitrate of soda, sulphate of potash, acid phosphate and similar soluble materials, finely ground and intimately mixed, doubtless give satisfactory results, if properly applied. Other materials, coarse tankage, blood and bone, garbage, factory waste, hoof meal, dried flesh, horn, hair, fish scrap, coarsely ground, and mixed dry, are certainly not in a quickly available condition, they will, in time, yield up their fertilizing elements, after decay, or chemical decomposition, (or combination).)

On general principles, such material should be mixed with the necessary solvents and allowed to "ripen" (chemically combined) before being used. There is no doubt that much of the popularity of certain brands of goods and their uniform satisfactory results, is due to the careful mixing of the ingredients, their proper chemical combination by solvents, with ample time allowed for the mass to combine and become thoroughly incorporated, uniform and homogenous.

Such fertilizers, though frequently composed of cheap material, factory waste and by products, and of no greater chemical value, than others, give better results in the field. Our vegetable growers, tomato, celery, lettuce, beans, etc., and our strawberry growers demand a quickly available fertilizer, such as is ready for immediate assimilation by the plant, only a thoroughly prepared, finely ground, or chemically dissolved, material will meet these demands; coarse material of any kind will not meet the immediate demand of these quick growing crops; many first-class fertilizers suitable for fruit trees, and general field crops, occupying the soil for the entire season or for years, are unfit for these quick growing crops.

#### AVAILABLE PHOSPHATES, SUPER PHOSPHATES, DISSOLVED BONE.

The use of mineral phosphates, as fertilizer is of comparative recent date. The Carolina deposits for years was the only source of supply. Much prejudice had to be overcome to induce farmers to believe that "rocks" were as good as bones in the manufacture of "guano." The result was that thousands of tons of Carolina rock were sold, and are still sold as "dissolved bone," this prejudice to a certain extent still exists and growers demand that their goods be made from "dissolved bone" or "bone black," and pay larger prices therefor) and get simply "acid phosphate" or dissolved Carolina, Florida, or Tennessee "rock phosphates," in every way as good, and as valuable as "dissolved bone," so far as the available phosphoric acid is concerned. This prejudice costs our farmers thousand of dollars every year and causes manufacturers and dealers to misrepresent one of the most valuable of our fertilizing materials.

The universal opinion of agricultural chemists, experimental stations, and practical farmers is now, that avail-

able phosphoric acid, be it derived from "bone," Florida, Carolina or other mineral phosphate, or from "Thomas Slag," is identical, and of the same value chemically or agriculturally. In this connection I am pleased to again quote from the report of the Hon. John M. McCandless, State Chemist of Georgia, as follows:

"It should be borne in mind always that State valuations are relative and approximate only, and are only intended to serve as a guide. It is much to be desired that farmers should study the analysis giving the actual percentage of plant food more, and pay no attention whatever to names and brands. They should realize, for instance, that in nine cases out of ten, brands known as "Pure Dissolved Bone" contain not a particle of bone, but are made simply out of phosphate rock. They are every "whit and grain" as good as if they were made from bone, the available phosphoric acid from being just as available and identically the same as the available phosphoric acid from bone. The proof that such brands are not made from bone is that they contain no ammonia, and if they were made from bone the percentage of ammonia would be stated, and it would be charged for. This is only one instance of the folly of being influenced by names and brands—many might be given. Remember that a multiplicity of brands is also expensive to the manufacturer, and you have to pay the cost in the long run. Study the markets, select a time for purchasing when general trade in fertilizers is dull, club together with some of your neighbors whose credit is of the best, or better who have a little spare cash, and then order from a reliable manufacturer, stipulating, if you have a preference, just what materials the goods shall be made from, and especially the guaranteed percentage of ammonia, phosphoric acid and potash. Let the maker call it anything he pleases. In this way you will be sure to have a first-class goods bought at the lowest market price."

The generally accepted opinion of agricultural chemists, experimental stations, agricultural colleges, and practical growers, is that available phosphoric acid, from any source is equally valuable, hence it is folly to demand and pay for dissolved bone, or dissolved bone black, higher prices, particularly when acid phosphate as such can be purchased for less money.

## FREE ACID IN ACID PHOSPHATE OR SUPER PHOSPHATE.

Some complaint has of late years been had from this source, and much of the prejudice against "mineral phosphates" has doubtless arisen from this cause. In properly prepared acid phosphate, dissolved bone, or super phosphate, there should be no free acid, all acids should be combined with the lime of the "bone" or "rock" to form gypsum or sulphate of lime, a neutral salt, beneficial and not harmful to growing crops, frequently used as a top dressing, particularly on meadows. Unfortunately in the desire to increase the "availability" of the goods, an access of acid is sometimes used; or goods still "wet" or "green" that have not had time to "ripen" or chemically combine the acid with the lime to form sulphate are sold to the consumer, or mixed with other materials forming "green" fertilizers. In most cases, particularly in "mixed goods," time will correct this fault and the goods become "dry" or neutral. In this connection it is well to call attention to the well established fact, known to all practical farmers that fresh, undecomposed stable manure, and particularly fresh hen dung will "burn" or "fire" plants, if used without decomposing or compositing.

Peruvian guano, a most valuable natural fertilizer, when applied in quantity or in direct contact with seed or plants, will certainly "burn" and destroy them, commercial fertilizers, are artificial guanos and have exactly the same effect as natural guano or fresh hen dung, they should not be applied direct to growing plants, nor in contact with seed; nor should any crop be planted until the commercial fertilizer or stable manure has had time to thoroughly decompose and assimilate with the soil. Many disasters have doubtless occurred from neglect of this precaution, and frequently the fertilizer manufacturer has been blamed for losses, caused by the inexperience and haste of grower himself.

## CAUTION TO BUYERS OF COTTON SEED MEAL.

*Its value as a Stock Food, and Fertilizer, Depends on the Nitrogen Contents; also called Ammonia or Protein.*

The value of Cotton Seed Meal, as a stock food, and as a fertilizer, has become generally known during the past few years.

Its use is now universal among stockmen, and particularly among dairymen; its value—when pure and unadulterated—is greater as a flesh and milk producer, than any other feed; it stands at the head of the list of concentrated flesh, and milk, formers; and in proportion to its actual food value, it is the cheapest source of muscle and milk.

This fact has led to an enormous demand, not only in America but in Europe. As the demand has increased, so has the price; at the same time this demand, and ready sale, has caused more or less adulteration, and lowering of quality.

The same ingredients that make cotton seed meal a valuable stock food—that is the nitrogen—also gives it its value as a fertilizer.

The Nitrogenous elements in cotton seed meal and similar foods are classed Proteins. These Proteins are simply the Nitrogen multiplied by 6.25.

The dairyman, and stockman, desires that the Protein content of the feed be expressed in the guarantee; the gardener and fruit grower desires to know the Nitrogen or Ammonia content of his fertilizer.

These terms, Nitrogen, Ammonia, and Protein, as here used, are identical; and mean the same substance; they are simply different expressions for the same substance in different forms; just as, "one dollar," "ten dimes," and "one hundred cents," means exactly the same amount of money, and are each equivalent to the other.

The Nitrogen in cotton seed meal—or other substance—multiplied by 1.22 gives the equivalent in Ammonia. While the Nitrogen multiplied by 6.25 gives the equivalent in Protein, or the Ammonia multiplied by 5.15 gives its equivalent in Protein. While multiplying Ammonia by 0.814 gives Nitrogen.

Hence the terms, Nitrogen, Ammonia and Protein, when so used, are equivalent and interchangeable.

This, unfortunately, is not generally known, and leads to much confusion of terms, and is frequently taken advantage of by some dealers and manufacturers, to mislead, in fact to deceive the purchaser.

Proteins are those Nitrogenous substances represented by the Albuminus—the white of eggs—by Fibrin—muscular tissue, lean meat, and Casine,—the curd of milk, they are generally known as flesh or muscle formers. When they ferment or decay, they form Ammonia, a most ill smelling gas.

The Nitrogenous substance multiplied by 6.25 gives the Protein; thus, 3 per cent. Nitrogen multiplied by 6.25 equals 18.75 per cent. Protein.

Or 3 per cent. Nitrogen multiplied by 1.22 is equivalent to 3.66 per cent. Ammonia; or 3 per cent. Ammonia multiplied by 5.15 is equivalent to 15.45 per cent. Protein.

Just as one dollar, equals ten dimes, or one hundred cents, or ten dimes equals one dollar. I desire to make it clear that a guarantee, expressed in more than one of these terms is misleading; that but one, the Ammonia, is permissible under the Florida Statute, and rules of the Agricultural Department, and to caution dealers not to handle goods having equivalents of the materials required in the guarantee, expressed on the guarantee tag, or package.

The fact that some dealers and manufacturers, still insist on expressing two or more equivalents in their guarantee is the reason for this lengthy explanation.

The facts are, but one term should be used in expressing the Nitrogen contents of a cotton seed meal or fertilizer.

The Florida law says that it shall be expressed as Ammonia.

The following is copied from a guarantee on a brand of "Prime" Cotton Seed Meal:

|                |              |
|----------------|--------------|
| Nitrogen ..... | 6½ per cent. |
| Ammonia .....  | 8 per cent.  |
| Protein .....  | 41 per cent. |

The obvious intention being to lead the purchaser to believe he is securing 55½ per cent. of food stuff, when in fact he gets 6½ per cent. Nitrogen, and nothing else. This Nitrogen being equivalent to 7.93 per cent. Ammonia; or equivalent to 40.62 per cent. of Protein.

Under the Florida law, and the regulations of the Agricultural Department, this guarantee should have expressed the 8 per cent. of Ammonia only; the buyer if he desired to know how much protein he had, by simply multiplying the 8 per cent. by 5.15 would know he had 40.20 per cent. of Protein. (The factors used in this article are not minutely exact.)

The State value of the above sample would be as follows:

|                                                      |         |
|------------------------------------------------------|---------|
| Ammonia, 8 per cent., multiplied by \$3.00, equals.. | \$24.00 |
| Bags and Bagging .....                               | 1.25    |

Or \$25.25 per ton at sea ports. Had credit been claimed in the guarantee for the 2 per cent. Phosphoric Acid and 1.50 per cent. of Potash contained in the meal, a further credit of \$3.65 would be allowed, making a total State value of \$28.90 per ton.

Another brand sold as "Bright" or "Prime" Meal, has the following guarantee:

|                |                 |
|----------------|-----------------|
| Nitrogen ..... | 4.12 per cent.  |
| Ammonia .....  | 5.00 per cent.  |
| Protein .....  | 25.75 per cent. |

Implying that there are 34.87 per cent. of Nitrogenous material guaranteed, when in fact the only guarantee under the Florida law is the 5 per cent. Ammonia, with a State value of \$16.25 as compared to the first example \$25.25, showing a value of \$9.00 per ton less than the 8 per cent goods.

This low grade meal is sold as "Prime" or "Choice" Meal. In color and texture it closely resembles "Pure Bright Meal," and is calculated to deceive the casual observer. It, however, is not guaranteed above 5 per cent. Ammonia, hence there could be no recovery in case of suit, if the analysis shows 5 per cent. Ammonia, though the purchaser bought it for Prime Meal. Prime bright cotton seed meal carries not less than 7.50 per cent. of Ammonia (equivalent to 38.62 per cent. of Protein), and generally as shown by analysis of this and other States, 8 per cent. or more of Ammonia, which is equal to 41.20 per cent. of Protein.

Dark cotton seed meal, or Sea Island cotton seed meal, is guaranteed to carry 5 per cent. Ammonia, 2 per cent. Phosphoric Acid and 1.00 per cent. Potash. Its State value is as follows:

|                                             |         |
|---------------------------------------------|---------|
| Ammonia, 5 per cent. x \$3.00 .....         | \$15.00 |
| Phosphoric Acid, 2 per cent. x \$1.00 ..... | 2.00    |
| Potash, 1 per cent. x \$1.10 .....          | 1.10    |
| Bags, etc. ....                             | 1.25    |
|                                             | <hr/>   |
|                                             | \$19.35 |

Its market value is very close to the State value. The dark meals are far superior both as a fertilizer and as a

feed, to the low grade or adulterated bright meals; and sells for less per ton; it is a pure meal and sold upon its merits.

This is not the case with adulterated bright meal with  $4\frac{1}{2}$  per cent. Ammonia guaranteed. These meals are adulterated with ground rice hulls, and similar valueless materials; not only useless, but in fact harmful to the animal. Buyers should examine the tags on their purchases, accept no "Bright Meal" with a guarantee of less than 7.50 per cent. Ammonia; no dark meal with less than 5 per cent. Ammonia; make no allowance, do not consider at all the Protein or Nitrogen if stated, as it is all covered or expressed by the Ammonia guarantee.

You can convert the Ammonia into Protein if you desire by multiplying by 5.15; or into Nitrogen by 0.824 exactly as you can convert your dollars into dimes by multiplying by 10, or into cents by multiplying by 100, and though figures may be increased the values are not changed.

By the rules of the Cotton Seed Meal Crushers Association, "Choice" meal must contain at least 8 per cent. Ammonia (equivalent to 41.19 per cent. Protein) and "Prime" meal must contain at least 8 per cent. of Ammonia, or, if from the South Atlantic States, 7.50 per cent. Ammonia, (equivalent to 38.62 per cent. of Protein).

This is the standard fixed for Choice and Prime meal by reputable manufacturers. If less than these amounts of Ammonia—7.50 per cent. or 8 per cent.—are guaranteed on "Choice" or "Prime" meal, it has undoubtedly been adulterated.

I am pleased to say our Florida manufacturers, "The Florida Cotton Oil Company" at Jacksonville and Tallahassee; "The Florida Manufacturing Company" at Madison, (who make dark meal only); "The Pensacola Cotton Oil Company," and the mills of the Southern Cotton Oil Company," generally have been found to meet their guarantee and frequently exceed them.

I also note that the proportion of hulls in most meals examined this season is greater than formerly, reducing the Ammonia content proportionately.

Most of the low grade, adulterated goods are offered as prime meal, though not guaranteed above  $4\frac{1}{2}$  per cent. or 5 per cent. of Ammonia, are generally found in the northern part of the State, particularly in the northern tier of

counties; this condition is very largely due to the indifference, or carelessness of the dealers and consumers themselves. If the buyer insists upon pure goods, 7.50 per cent. or 8 per cent. Ammonia, refuses to accept adulterated material, demands the guarantee be on each sack, and under our law, declines to pay for goods not meeting the guarantee; the sale of such goods will soon cease.

Instances, however, are known where two lots of meal, one with a guarantee of 8 per cent. Ammonia, and other with a guarantee of  $4\frac{1}{2}$  per cent. Ammonia, were offered at the same time and place at that same price, by a local dealer to his customers, (for which he had paid the same price per ton), and in many instances the consumer preferred the  $4\frac{1}{2}$  per cent. goods, as it "looked better" in spite of the guarantee on the tags, one offering 8 per cent., the other  $4\frac{1}{2}$  per cent. of food value. In both cases the guarantees were upheld by analysis; one lot was worth \$24.00 per ton, the other \$13.50 per ton relatively. Both sold for \$1.35 per hundred pounds at retail, or \$27.00 per ton. In this case the dealer and consumer were both defrauded, though the dealer would be liable in damages to the consumer.

### GEOLOGICAL SURVEY.

The fact that a large number of minerals, clays, ores, etc., are sent to this division for identification and classifying, and that numerous valuable deposits of minerals or ores are indicated by these specimens, shows the necessity of a Geological Survey of the State. The fact that deposits of valuable minerals have been recently discovered in the State, in addition to the vast deposits of phosphates, emphasizes this need.

Such a survey prior to 1890 would have saved millions of dollars to the citizens of the State, and is still needed to protect our land owners by giving them the necessary information as to the nature and value of the various minerals, ores, of the State.

### WATER ANALYSIS.

A very large number of inquiries are made, and numerous samples of potable or drinking water, are received by this division for analysis. In all cases where the public

is interested—city supplies, neighborhood wells, etc.,—the analysis is made and reported. In most cases the inquiry is purely of an individual or personal nature; often evidently simple curiosity, or an effort to obtain a certificate of analysis of a “mineral spring” for individual profit or gain, at the expense of the State. In such instances the inquiry is referred to a commercial laboratory, it being evidently improper for the State to compete (by free analysis) with commercial laboratories.

### FARMERS' INSTITUTES.

During the year this division has co-operated with the State University and Superintendents of Institutes, and furnished lectures at numerous Farmers' Institutes throughout the State, generally lecturing upon fertilizers, commercial and domestic, their economic value and proper application. These Institutes have been well attended, and have certainly been of considerable value, in correcting mistakes, leading to more rational use and correct application of fertilizers.

The Farmers' Institute has become a factor in progressive agriculture in most of our States, particularly in the West. As Florida is peculiarly an agricultural and stock-raising State, the necessity of a well organized and energetically operated system of Farmers' Institutes, supported by the State, and properly equipped, is apparent. It is to be hoped that this work, so auspiciously begun, will be continued, and its scope widened; that ample funds will be provided for its maintenance.

### PURE STOCK FEED.

I again desire to urge the necessity of a Pure Stock Feed Law. The fact that a number of the States have passed such laws, requiring the various mixed feed sold in them to be sold under guarantee as to the feeding value of the material, and subject to inspection and analysis—as in the case of fertilizers—has caused this State to be flooded with inferior stock feeds that are sold for much more than their food value justifies, when compared to such standards as corn, oats, and other unmixed feed stuff. Florida, in proportion to her population, probably purchases more stock feed than any other Southern State, by far the greatest amount of stock feed used in the State

is imported. Much of it is sold for prices far in excess of its value.

A law similar to that now in force in Louisiana, which has so materially increased the quality of the stock feed used in that State, would save many thousands of dollars to our citizens, and prevent the imposition on our people of material that cannot be sold in other States. Such a law is of great necessity to our people generally, and stockmen particularly.

#### PURE FOOD, DRUGS, ETC.

A pure food law was enacted during the session of 1903. There is no provision, however, for its enforcement, no inspector provided for; no funds appropriated and no officer charged with its enforcement; that such a law—a practical law—is necessary is very evident, from the presence of adulterated and inferior goods, etc., sold throughout the State.

#### STANDARD OF PURITY FOR FOOD PRODUCTS.

A standard of purity for food products has recently been adopted by the United States Department of Agriculture. This standard has been compiled by eminent chemists and specialists appointed for the purpose. That such a standard should be adopted by the State, and dealers required to comply therewith, is patent to any one who will consider the importance of the question.

#### UNIFORM FERTILIZER LAWS.

The Florida fertilizer law is based on the report of a joint committee of the "Association of American Agricultural Colleges," and the "Association of Official Agricultural Chemists," approved by the "United States Agricultural Department;" with few changes to meet local conditions. It was compiled by a committee of the "Florida State Agricultural Society" with a view to protect the Florida farmer, and the manufacturer of honest commercial fertilizer, from the vendor of adulterated and inferior goods.

That it has met the requirements, and has accomplished the desired results, to a certain extent is evidenced by the higher class of goods sold in the State; the large increase in revenue, and the fact that complaints of inferior or

worthless goods are of far less frequent occurrence than prior to its enactment and enforcement.

### INSECTICIDES—FUNGICIDES.

Many inquiries for approved formulas for insecticides and fungicides are received by this division. A full list of such was published in the June Bulletin, No. 83, of 1903.

Florida growers interested in spraying and other means of checking insect pests, should write the director of the Florida Experiment Station at Lake City for "Farmers' Institute Bulletin" No. 1; also for Bulletins Nos. 29, 34, 40, 42, and 46. The following "Farmers' Bulletins" issued by the U. S. Agricultural Department at Washington, D. C., are also valuable for those interested in Insecticides and Fungicides—Nos. 38, 47, 70, 80, 91, 127, 130, 145, 146 and 115. They are sent free on application to the Secretary of Agriculture, Washington, D. C.

As the number of formulas published is very great, frequently practical duplicates of each other, a few approved receipts are appended sufficient to meet all practical needs and not confuse by a number of similar formulas.

For fungus diseases, etc., the use of "Bordeau Mixture" is now practically universal. For insects, mites, scales, etc., Paris Green (wet and dry), Kerosene, Emulsion, Resin Mixtures, and Sulphur are now the most commonly used; probably more depends on the *method*, time and thoroughness of the application, than on the efficacy of the material used. If the application is not prompt and thorough, it will certainly be of little, if any, value.

A few receipts are appended of simple mixtures easily prepared, and of acknowledged worth. As a general insecticide probably nothing is more universally satisfactory than a solution of soap—*soap suds*—particularly if made of the common yellow rosin soaps. "Resin Wash," "Resin, Lime Mixture," etc., are simply soaps.

A soap solution, one pound soap to five or ten gallons of water, will be found a generally satisfactory insecticide, if thoroughly applied, at proper intervals. The addition of a small quantity of Paris Green, or a mixture of soap solution and sulphur wash, is excellent for scales, mites, and white fly.

The various "Whale Oil" and other "Fish Oil" soaps, potash soaps, etc., have no intrinsic value over other soaps. Equally as good results may be had with any common laundry soap, if properly and persistently applied.

## FUNGICIDES.

1

### BORDEAUX MIXTURE.

4 pounds copper sulphate, (blue vitrol).  
4 pounds lime, (unslaked).  
25-50 gallons water.

Dissolve the copper in hot or cold water, using a wooden or earthen vessel. Slake the lime in a tub, adding the water cautiously and only in sufficient amount to insure thorough slaking. After thorough slaking, more water can be added and stirred in until it has the consistency of thick cream. When both are cold, pour the lime into the diluted copper solution of required strength, straining it through a fine mesh sieve or a gunny cloth and thoroughly mix. The standard mixtures are:

(a). 25 gallons (full strength solution, or 4-4-25 formula).

(b). 50 gallons, (half strength mixture, or 4-4-50 formula).

It is then ready for use. Considerable trouble has frequently been experienced in preparing the Bordeaux Mixture. Care should be taken that the lime is of good quality and well burned and has not been air slaked. Where small amounts of lime are slaked it is advisable to use hot water. The lime should not be allowed to become dry in slaking, neither should it become entirely submerged in water. Lime slakes best when supplied with just enough water to develop a large amount of heat which renders the process active. If the amount of lime is insufficient, there is danger of burning tender foliage. In order to obviate this, the mixture can be tested with a knife blade or with ferro-cyanide of potassium (1 oz. to 5 or 6 oz. of water). If the amount of lime is insufficient, copper will be deposited on the knife blade, while a deep brownish red color will be imparted to the mixture when ferro-cyanide of potassium is added. Lime should be added until neither reaction occurs. A slight excess of lime, however, is desirable.

The Bordeaux Mixture is best when first prepared. Stock solutions of lime and copper can be made, and mixed when required.

2. The following, known as the 6-4-50 formula, is in very general use:

6 pounds copper sulphate.  
4 pounds lime.  
50 gallons water.

### 3 BORDEAUX MIXTURE FOR PEACH FOLIAGE.

The Bordeaux Mixture as ordinarily applied frequently injures to some extent the foliage of the peach, etc., causing a shot hole effect on the leaves. This injurious effect has been shown to be largely obviated by the use of the following:

3 pounds copper sulphate.  
6 pounds lime.  
50 gallons water.

This is known as the 3-6-50 formula. Some experimenters have also recommended the following for peach foliage.

- (a). 2-2-50 formula (Cornell Agr. Exp. Sta. Bull. 180).
- (b). 3-9-50 formula.

The latter contains three times as much lime as copper sulphate.

### 4 BORDEAUX RESIN MIXTURE.

5 pounds resin.  
1 pound caustic potash, or soda.  
Sulphuric acid, 1 part.  
1 pint fish oil.  
5 gallons water.

To make resin solution, place resin and oil in a kettle and heat until resin is dissolved. Cool slightly and then add lye slowly and stir. Again place the kettle over the fire, add the required amount of water and allow the whole to boil until it will mix with cold water, forming an amber-colored solution. Take 2 gallons of the resin solution and add to it 10 gallons of water. Mix this with 40 gallons of Bordeaux Mixture.

Recommended for Asparagus Rust on account of its adhesive properties. (N. Y. Agr. Exp. Sta. (Geneva) Bull. 188).

## 5 IRON SULPHATE AND SULPHURIC ACID.

Water (hot) 100 parts.

Iron sulphate, as much as will dissolve.

Sulphuric acid, 1 part.

Prepare solution just before using. Add the acid to the crystals and then pour on the water. Valuable for treatment of dormant grape vines affected with Anthracnose, application being made with sponge or brush.



## INSECTICIDES.

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### 6 PARIS GREEN—DRY.

1 pound Paris green.

20-50 pounds flour.

Mix thoroughly and apply evenly; preferably when dew is on the plants.

### 7 PARIS GREEN—WET.

1 pound Paris green.

1-2 pounds quick lime.

200 gallons water.

Slake the lime in part of the water, sprinkling in the Paris green gradually, then add the rest of the water. For the peach and other tender leaved plants, use 300 gallons of water. Keep well stirred while spraying.

### 8 KEROSENE EMULSION.

$\frac{1}{2}$  pound hard soap, shaved fine.

1 gallon water.

2 gallons kerosene.

Dissolve the soap in the water, which should be boiling; remove from the fire and pour it into the kerosene while hot. Churn this with a spray pump till it changes to a creamy, then to a soft butter-like mass. Keep this as a stock, using one part in nine of water for soft bodied insects such as plant lice, or stronger in certain cases.

### 9 MECHANICAL EMULSION.

A substitute for the last. Made entirely by the pump, which draws water and kerosene from separate tanks and mixes them in the desired proportion by a mechanical device. Several pumps for this purpose are now on the market.

## 10 RESIN-LYE MIXTURE (SOAP).

- 5 pounds pulverized resin.
- 1 pound concentrated lye (caustic soda);
- 1 pint fish or other animal oil.
- 5 gallons water.

Place the oil, resin and 1 gallon of hot water, in an iron kettle and heat till the resin softens, then add the lye and stir thoroughly; now add 4 gallons of hot water and boil till a little will mix with cold water and give a clear, amber-colored liquid; add water to make up five gallons. Keep this as a stock solution. For use, take 1 gallon stock solution, 16 gallons water, 3 gallons milk of lime,  $\frac{1}{4}$  pound Paris green.

The object of this preparation is to obtain an adhesive material which will cause the poison to adhere to smooth leaves. It has been highly recommended by the New York State (Geneva) Experiment Station.

11 LIME, SALT AND SULPHUR.  
(Oregon Formula.)

- 50 pounds unslaked lime.
- 50 pounds flowers of sulphur.
- 50 pounds of common salt.

Slake the lime in enough water to do it thoroughly; add the sulphur and boil for an hour at least, adding water if necessary. Then add the salt and boil 15 minutes more. Add water to make 150 gallons and spray hot through a coarse nozzle.

12 LIME, SALT AND SULPHUR.  
*Marlatt's Formula, (from Smith.)*

- 30 pounds unslaked lime.
- 30 pounds sulphur.
- 15 pounds salt.
- 60 gallons water.

Boil with steam for four hours and apply hot.

## 13 ARSENITE OF LIME.

- 1 pound of white arsenic.
- 2 pounds of fresh burned lime.
- 1 gallon water.

Boil together for 45 minutes and keep in a tight vessel. Add one quart of this to a barrel (50 gallons) of water for use.

This insecticide has been recommended by a number of Experiment Stations, but has not yet been sufficiently tested to receive an endorsement.

14                    **ARSENATE OF LEAD.**

4 ounces arsenate of soda (50 per cent. strength).  
11 ounces acetate of lead.  
150 gallons water.

Put the arsenate of soda in 2 quarts of water in a wooden pail, and the acetate of lead in four quarts of water in another wooden pail. When both are dissolved, mix with the rest of the water. Warm water in the pails will hasten the process.

**COMBINED FUNGICIDES AND INSECTICIDES. Bk.**

15   **BORDEAUX MIXTURE AND PARIS GREEN.**

4 ounces Paris green.  
50 gallons Bordeaux Mixture.

16   **BORDEAUX MIXTURE AND ARSENATE OF LEAD.**

1 gallon Arsenate of Lead (made by formula No. 13).  
50 gallons Bordeaux Mixture.

17   **BORDEAUX MIXTURE AND ARSENATE OF LIME.**

1½ quarts Arsenite of Lime (made by formula No. 13).  
50 gallons Bordeaux Mixture.

18                    **SOAP MIXTURE.**

1 bar soap (10 cent size).  
5 gallons water.

Apply warm, as it thickens on cooling.

Recommended for rose midew, red spider, plant lice, etc.

Any common laundry soap, particularly the yellow resin soaps, dissolved one pound of soap to five or ten gallons of water, is an efficient application for white fly, red spider, plant lice, etc. The addition of ¼ pound of Paris green to each 50 gallons of soap solution adds to its efficiency.

Equal parts of soap solution and sulphur wash—made by dissolving 20 pounds of sulphur with 10 pounds of caustic soda—is a most excellent general application.

Sulphur wash is prepared as follows: First mix 20 pounds of flowers of sulphur into a paste with cold water, then add 10 pounds of pulverized caustic soda (98 per cent.) The dissolving lye will boil and liquefy the sulphur. Water must be added from time to time to prevent burning, until a concentrated solution of 20 gallons is obtained. Two gallons of this is sufficient for 50 gallons of spray, giving a strength of 2 pounds of sulphur and one of lye to 50 gallons of water. An even stronger application can be made without danger to the foliage. This mixture can also be used in combination with other insecticides.

The chemical combination of sulphur and lime known as bisulphide of lime is perhaps a better liquid sulphur solution than the last as a remedy for mites. It may be very cheaply prepared by boiling together for an hour or more, in a small quantity of water, equal parts of flowers of sulphur and stone lime. A convenient quantity is prepared by taking 5 pounds of sulphur and 5 pounds of lime and boiling in 3 or 4 gallons of water until the ingredients combine, forming a brownish liquid. This may be diluted to make 100 gallons of spray.

#### "WHITE FLY."

Numerous letters are received by the Agricultural Department asking for receipts and directions for destroying white fly.

It is evident from the widely distributed addresses of these inquiries that this pest has become widely scattered over the State, and that in a few years, if means are not provided, it will generally infect all the groves of the State. The white fly can be found in different localities, from Tallahassee to Fort Meyers.

That it can be eradicated from infected groves admits of no doubt, as it certainly has been so eradicated, for a time at least; that it may reappear is probably certain, and most likely it will require constant vigilance to keep it within bounds.

The use of Resin Wash No. 4 is the most common remedy, if used as a spray, at the time the young are crawling

it is effective. Good results have also been had by using a solution of common laundry soap—resin soap,—while equally good results have been had from the use of soap powders—"Pearline" and "Gold Dust." It is evident that in each and all of these applications, the virtue is not in a particular kind of soap, but the fact that the soap fills the breathing pores and thus suffocates the insect. The same results occur in the use of Kerosene Emulsion.

A mixture of soap solution, or resin wash with sulphur wash, as described in No. 18, will be found effective, if applied at proper times—in the winter when the young are dormant—in spring and summer when the young are crawling. The work must be thoroughly done; one good spraying is better than two poorly applied ones. This matter is a serious one, affecting as it does one of the principal industries of the State. It demands joint action of all neighborhoods now affected, and should receive the careful attention of the various counties, and the State Legislature, with a view of some general effort being had looking to the proper control of the pest.

All orange growers interested in ridding themselves of the "fly," or keeping their groves uninfected, should send to the State Experimental Station at Lake City for Bulletin No. 67, "White Fly," by Prof. H. A. Gossard, in which the subject is exhaustively treated.

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SUGGESTIONS TO INCREASE THE EFFICIENCY OF THE AGRICULTURAL DEPARTMENT, IN CONNECTION WITH THE DIVISION OF CHEMISTRY.

An increased appropriation for traveling expenses and inspection, from \$750 to \$1,000 per annum.

An increased appropriation for chemicals and apparatus, \$750 to \$1,000 per annum.

An appropriation sufficient to publish the Bulletin monthly during the entire year.

An efficient Pure Food and Drug Law.

An efficient Pure Stock Food Law.

The adoption of the United States Standards of Pure Foods, Drugs and Chemicals.

In conclusion, I desire to again call your attention to the industry, constant carefulness and eminently scientific

work of the Assistant State Chemist, Mr. M. G. Donk; to whose efforts, much of the present high standing of the State Laboratory is due. In no case has an appeal from the determinations of the State Laboratory been decided adversely to the State Chemist. To the Commissioner of Agriculture, the Hon. B. E. McLin, I am under many obligations, for his courteous, firm, and prompt decisions, in matters pertaining to this division of the Agricultural Department of the State, and for his uniform maintenance of the fertilizer law, in decisions in matters of appeal from the State Chemist.

## BUREAU OF FERTILIZERS.

261

R. E. ROSE, State Chemist.

MARION G. DONK, Assistant Chemist.

Analysis of Special Samples under Sec. 9, Act approved May 22, 1901.

(Samples taken by purchaser).

| NAME OR BRAND.                                   | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                                     |
|--------------------------------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|---------------------------------------------------|
|                                                  |                |          | Available       | Insoluble | Total |         |                           |                                                   |
| Special Mixture .....                            | 473            | .....    | 7.35            | 2.26      | 9.61  | 4.60    | 9.03                      | T. Kimball, St. Petersburg, Fla.                  |
| Fertilizer ....                                  | 474            | .....    | 8.62            | 0.46      | 9.08  | 1.64    | 13.32                     | F. S. Hickock, Hastings, Fla.                     |
| Bone Compound (No. 1) ..                         | 476            | 19.00    | 9.75            | 2.67      | 12.42 | 2.20    | 1.62                      | John M. Calhoun, Marianna, Fla.                   |
| Acid Phosphate (No. 2) ..                        | 477            | 22.45    | 12.61           | 2.51      | 22.45 | .....   | .....                     | John M. Calhoun, Marianna, Fla.                   |
| Special Mixture .....                            | 478            | .....    | 6.08            | 0.76      | 6.84  | 4.36    | 7.86                      | R. D. Knight, Little River, Fla.                  |
| Kentucky Brand—Pulver-<br>ized Tobacco Stems.... | 479            | ....     | .....           | .....     | ..... | 2.89    | 10.14                     | Willson & Toomer Fert. Co.,<br>Jacksonville, Fla. |
| Cotton Seed Meal .....                           | 480            | .....    | .....           | .....     | ..... | 7.02    | .....                     | Schroeder & Auguinbaw, Quincy.                    |
| Fertilizer ....                                  | 481            | 14.25    | 4.90            | 0.32      | 5.22  | 3.57    | 12.99                     | J. F. Adams, Winter Park, Fla.                    |
| Sulphate of Potash .....                         | 483            | ....     | .....           | .....     | ..... | .....   | 50.48                     | Thos. W. Williams, Tampa, Fla.                    |
| Fertilizer .....                                 | 484            | 9.85     | 6.78            | 1.70      | 8.48  | 6.15    | 6.77                      | J. G. Powers, Terra Ceia, Fla.                    |

work of the Assistant State Chemist, Mr. M. G. Donk; to whose efforts, much of the present high standing of the State Laboratory is due. In no case has an appeal from the determinations of the State Laboratory been decided adversely to the State Chemist. To the Commissioner of Agriculture, the Hon. B. E. McLin, I am under many obligations, for his courteous, firm, and prompt decisions, in matters pertaining to this division of the Agricultural Department of the State, and for his uniform maintenance of the fertilizer law, in decisions in matters of appeal from the State Chemist.

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| Cotton Seed Meal .....                           | 480            | .....    | .....           | .....     | ..... | 7.02    | .....                     | Schroeder & Auguinbaw, Quincy.                    |
| Fertilizer .....                                 | 481            | 14.25    | 4.90            | 0.32      | 5.22  | 3.57    | 12.99                     | J. F. Adams, Winter Park, Fla.                    |
| Sulphate of Potash .....                         | 483            | ....     | .....           | .....     | ..... | .....   | 50.48                     | Thos. W. Williams, Tampa, Fla.                    |
| Fertilizer .....                                 | 484            | 9.85     | 6.78            | 1.70      | 8.48  | 6.15    | 6.77                      | J. G. Powers, Terra Ceia, Fla.                    |

## BUREAU OF FERTILIZERS—Continued.

262

| NAME OF BRAND.              | Laboratory No. | Moisture. | Phosphoric Acid |            |        | Ammonia. | Potash (K <sub>2</sub> O) | BY WHOM SENT.                      |
|-----------------------------|----------------|-----------|-----------------|------------|--------|----------|---------------------------|------------------------------------|
|                             |                |           | Available.      | Insoluble. | Total. |          |                           |                                    |
| Sea Island Cotton Seed...   | 485            | .....     | .....           | .....      | .....  | 4.14     | .....                     | Florida Mfg. Co., Madison, Fla.    |
| Sea Island Cotton Seed M'l  | 486            | .....     | .....           | .....      | .....  | 4.92     | .....                     | Florida Mfg. Co., Madison, Fla.    |
| Sea Island Cotton Seed M'l  | 487            | .....     | .....           | .....      | .....  | 5.62     | .....                     | Florida Mfg. Co., Madison, Fla.    |
| Fertilizer .....            | 488            | .....     | 5.20            | 0.77       | 5.97   | 1.86     | 13.15                     | H. O. Wordenhoff, Plant City, Fla. |
| Fertilizer (light) .....    | 489            | .....     | 7.56            | 1.59       | 9.15   | 4.65     | 7.61                      | Mrs. E. M. Lane, Delray, Fla.      |
| Fertilizer (dark) .....     | 490            | .....     | 6.12            | 0.66       | 6.78   | 4.28     | 7.24                      | Mrs. E. M. Lane, Delray, Fla.      |
| Dried Blood .....           | 491            | .....     | .....           | .....      | .....  | 14.85    | .....                     | J. T. Stanley, Jensen, Fla.        |
| Raw Ground Bone .....       | 492            | .....     | 9.53            | 13.98      | 23.50  | 4.50     | .....                     | J. T. Stanley, Jensen, Fla.        |
| Wood Ashes ....             | 493            | .....     | .....           | .....      | .....  | .....    | 0.24                      | J. T. Stanley, Jensen, Fla.        |
| Ground Tobacco Stems ..     | 494            | .....     | .....           | .....      | .....  | 3.18     | 9.25                      | J. T. Stanley, Jensen, Fla.        |
| Cotton Seed Meal .....      | 495            | .....     | .....           | .....      | .....  | 7.75     | .....                     | Schroeder & Auguinbaw, Quincy.     |
| Cotton Seed Meal .....      | 496            | .....     | .....           | .....      | .....  | 7.71     | .....                     | James B. Bours, Jacksonville, Fla. |
| Acid Phosphate .....        | 497            | .....     | 18.74           | 0.75       | 19.49  | .....    | .....                     | Goulding Fert. Co., Pensacola.     |
| Fertilizer (acid phosphate) | 498            | 14.40     | 13.64           | 0.53       | 14.17  | 0.00     | 0.00                      | J. D. Clark, Mt. Pleasant, Fla.    |
| Fertilizer No. 1.....       | 499            | 11.30     | 7.05            | 1.01       | 8.06   | 4.60     | 8.42                      | B. G. Hewet, Pebble, Fla.          |

## BUREAU OF FERTILIZER—CONTINUED.

263

| NAME OF BRAND.            | Laboratory No. | Moisture. | Phosphoric Acid. |            |        | Ammonia | Potash (K2O.) | BY WHOM SENT.                     |
|---------------------------|----------------|-----------|------------------|------------|--------|---------|---------------|-----------------------------------|
|                           |                |           | Available.       | Insoluble. | Total. |         |               |                                   |
| Fertilizer No. 2 .....    | 500            | 11.35     | 7.10             | 1.16       | 8.26   | 4.51    | 8.49          | B. G. Hewet, Pebble, Fla.         |
| Fertilizer .....          | 501            | ...       | 0.00             | 0.00       | 0.00   | 4.42    | 0.00          | Peter Gardener, Palatka, Fla.     |
| Guano .....               | 502            | .....     | .....            | .....      | 26.13  | 3.71    | 3.14          | James Holmes, Jensen, Fla.        |
| Acid Phosphate .....      | 503            | .....     | 13.68            | 2.05       | 15.73  | .....   | .....         | Prof. O. J. Moore, Lisbon, Fla.   |
| Crude Carbonate of Potash | 504            | .....     | .....            | .....      | .....  | .....   | 38.85         | J. Hirschburg, Tallahassee, Fla.  |
| White Carbonate of Potash | 505            | .....     | .....            | .....      | .....  | .....   | 62.62         | J. Hirschburg, Tallahassee, Fla.  |
| Fertilizer .....          | 506            | 10.85     | 7.30             | 1.26       | 8.56   | 3.18    | 3.52          | W. M. Girardeau, Monticello, Fla. |
| Fertilizer .....          | 507            | .....     | 9.71             | 1.56       | 11.27  | 5.36    | 7.68          | P. L. Fiveash, Alliance, Fla.     |
| Fertilizer .....          | 508            | 7.35      | 8.12             | 1.20       | 9.32   | 4.01    | 8.71          | C. B. Robinson, Corno, Fla.       |
| Cotton Seed Meal .....    | 509            | .....     | .....            | .....      | .....  | 7.13    | .....         | J. E. Wirick, Jr., Lloyd, Fla.    |
| Fertilizer .....          | 510            | .....     | 6.10             | 5.57       | 11.67  | 2.08    | 8.46          | R. L. McMullen, Clearwater, Fla.  |

## BUREAU OF FERTILIZERS—Continued.

264

| NAME OR BRAND.                            | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                                                                       |
|-------------------------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|-------------------------------------------------------------------------------------|
|                                           |                |          | Available       | Insoluble | Total |         |                           |                                                                                     |
| Fertilizer .....                          | 511            | 10.45    | 9.99            | 1.96      | 8.95  | 4.63    | 4.86                      | Johnson & Co., Leesburg, Fla.                                                       |
| Fertilizer No. 1.....                     | 512            | .10      | 7.87            | 0.73      | 8.60  | 2.24    | 1.28                      | J. W. McKeown Co., Concord, Fla.                                                    |
| Fertilizer No. 2.....                     | 513            | 1.15     | 9.11            | 3.00      | 12.11 | 2.12    | 1.84                      | J. W. McKeown Co., Concord, Fla.                                                    |
| Fertilizer No. 3.....                     | 514            | 10.10    | 8.43            | 2.68      | 11.11 | 2.13    | 2.15                      | J. W. McKeown Co., Concord, Fla.                                                    |
| Fertilizer No. 4.....                     | 514            | 11.30    | 10.52           | 3.26      | 13.78 | 2.47    | 1.89                      | J. W. McKeown Co., Concord, Fla.                                                    |
| Blood, Bone and Potash..                  | 516            | 14.20    | 9.91            | 2.95      | 9.86  | 3.80    | 4.44                      | J. H. Dishong, Dover, Fla.                                                          |
| Dark Cotton Seed Meal and<br>Potash ..... | 518            | .25      | .....           | .....     | 2.03  | 5.02    | 3.81                      | R. L. Goodwin, St. Pierce, Fla.<br>Armour Fertilizer Works, Jack-<br>sonville, Fla. |
| Ground Tobacco Stems ..                   | 519            | .....    | .....           | .....     | ..... | 2.92    | 9.24                      | J. H. Hinton, Dover, Fla.                                                           |
| Fertilizer .....                          | 520            | 1.61     | 7.75            | 2.76      | 10.51 | 2.29    | 2.23                      | E. J. Yates, Lakeland, Fla.                                                         |
| Fertilizer No. 3 .....                    | 521            | 6.95     | 8.49            | 1.95      | 10.44 | 2.15    | 13.71                     | E. J. Yates, Lakeland, Fla.                                                         |
| Fertilizer No. 2 .....                    | 522            | 10.95    | 7.22            | 1.39      | 8.61  | 4.46    | 8.07                      | E. J. Yates, Lakeland, Fla.                                                         |
| Fertilizer No. 1.....                     | 523            | 1.25     | 8.17            | 3.02      | 11.19 | 2.22    | 2.26                      | E. J. Yates, Lakeland, Fla.                                                         |
| Fertilizer .....                          | 524            | 9.25     | 8.03            | 0.72      | 8.75  | 4.44    | 11.44                     | H. Price Williams, Miami, Fla.                                                      |
| Rock Phosphate .....                      | 525            | ...      | .....           | .....     | 37.16 | .....   | .....                     | T. D. Hawkins, King's Ferry, Fla.                                                   |

| NAME OF BRAND.             | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                    |
|----------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|----------------------------------|
|                            |                |          | Available       | Insoluble | Total |         |                           |                                  |
| Fertilizer .....           | 526            | 10.90    | 7.74            | 2.96      | 10.70 | 4.87    | 13.79                     | S. B. Robinson, Seven Oaks, Fla. |
| Armour's H. G. Tobacco.    |                |          |                 |           |       |         |                           |                                  |
| Dust .....                 | 527            | .....    | .....           | .....     | ..... | 2.60    | 3.91                      | Armour Fert. Wks., Jacksonville. |
| Fertilizer .....           | 528            | 14.00    | 5.61            | 3.01      | 8.61  | 4.43    | 5.65                      | H. J. Drane, Lakeland, Fla.      |
| Fertilizer .....           | 529            | 10.20    | 7.12            | 3.00      | 10.12 | 4.37    | 15.56                     | F. G. Sampson, Boardman, Fla.    |
| Dark Cotton Seed Meal..    | 530            | .....    | .....           | .....     | 1.94  | 4.99    | 1.49                      | N. H. Fogg, Altamonte Springs.   |
| Bright Cotton Seed Meal.   | 531            | .....    | .....           | .....     | 2.91  | 8.37    | 1.81                      | N. H. Fogg, Altamonte Springs.   |
| Rock Phosphate..           | 532            | .....    | .....           | .....     | 34.05 | .....   | .....                     | John S. Flanagan, San Antonio.   |
| Ashes .....                | 533            | .....    | .....           | .....     | ..... | .....   | 0.60                      | A. J. Rosetter, Enterprise, Fla. |
| Fertilizer .....           | 534            | .....    | 1.63            | 0.77      | 2.40  | 4.00    | 7.08                      | W. J. Dyer, Stuart, Fla.         |
| Fertilizer No. 1.....      | 535            | .....    | 6.08            | 0.85      | 6.93  | 4.20    | 9.34                      | A. P. DeWolf, Crescent City.     |
| Fertilizer No. 2 (Sulphate |                |          |                 |           |       |         |                           |                                  |
| Potash) .....              | 536            | .....    | .....           | .....     | ..... | .....   | 47.24                     | A. P. DeWolf, Crescent City.     |
| Fertilizer .....           | 537            | .....    | 9.72            | 3.12      | 12.84 | 2.00    | 1.69                      | L. A. Adams, Luanna, Fla.        |
| Fertilizer .....           | 538            | .....    | 7.22            | 4.12      | 11.34 | 2.25    | 2.37                      | R. L. West, Plant City, Fla.     |
| Rock Phosphate .....       | 539            | .....    | .....           | .....     | 33.46 | .....   | .....                     | John D. Philips, Bailey, Fla.    |

## BUREAU OF FERTILIZERS—Continued.

266

| NAME OF BRAND.           | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                      |
|--------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|------------------------------------|
|                          |                |          | Available       | Insoluble | Total |         |                           |                                    |
| Fertilizer .....         | 540            | .....    | 5.28            | 1.38      | 6.66  | 3.48    | 7.84                      | S. P. Lamb, Anthony, Fla.          |
| Cotton Seed Meal.....    | 541            | .....    | .....           | .....     | 2.29  | 6.78    | 1.71                      | J. E. Snow, East Lake, Fla.        |
| Tobacco Ashes .....      | 542            | .....    | .....           | .....     | 2.53  | .....   | 12.12                     | James Holmes, Jensen, Fla.         |
| Muck Soil .....          | 543            | .....    | .....           | .....     | 0.39  | 1.61    | Tr.                       | W. Lippencott, Lakeland, Fla.      |
| Fertilizer .....         | 544            | .....    | 7.60            | 9.05      | 15.05 | 3.41    | 12.36                     | L. C. Hefner, St. Petersburg, Fla. |
| Cotton Seed Meal .....   | 546            | .....    | .....           | .....     | ..... | 6.84    | .....                     | Lewis Lively, Tallahassee, Fla.    |
| Fertilizer .....         | 547            | .....    | 11.08           | 2.67      | 13.75 | 2.82    | 1.87                      | Jas. B. Holmes, Jensen, Fla.       |
| Wood Ashes .....         | 548            | .....    | .....           | .....     | ..... | .....   | 0.68                      | Chase & Co., Sanford Fla.          |
| Fertilizer .....         | 549            | .....    | 7.94            | 1.86      | 9.80  | 5.28    | 17.02                     | S. B. Robinson, Seven Oaks, Fla.   |
| Fertilizer .....         | 550            | .....    | 10.55           | 0.61      | 11.16 | 1.85    | 2.58                      | A. W. Turner, Coe's Mills, Fla.    |
| Fertilizer .....         | 551            | .....    | 5.39            | 0.37      | 5.76  | 2.65    | 10.90                     | Horrace Prior, Como, Fla.          |
| Fertilizer .....         | 552            | .....    | 9.25            | 1.66      | 10.91 | 1.50    | 0.97                      | Alexander & Baird, Beresford, Fla. |
| Fertilizer .....         | 553            | 15.33    | 7.31            | .....     | 7.31  | .....   | 2.61                      | C. C. Wills, Woods, Fla.           |
| Bright Cotton Seed Meal. | 554            | .....    | .....           | .....     | ..... | 7.57    | .....                     | J. W. Scott, Quincy, Fla.          |
| Dark Cotton Seed Meal..  | 555            | .....    | .....           | .....     | ..... | 6.82    | .....                     | J. W. Scott, Quincy, Fla.          |

| NAME OF BRAND            | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT                        |
|--------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|-------------------------------------|
|                          |                |          | Available       | Insoluble | Total |         |                           |                                     |
| Ashes .....              | 556            | .....    | .....           | .....     | 1.08  | .....   | 2.28                      | John J. Beers, Emporia, Fla.        |
| Cotton Seed Meal .....   | 557            | .....    | .....           | .....     | 2.44  | 6.77    | 1.73                      | J. W. Scott, Quincy, Fla.           |
| Dissolved Animal Bone... | 558            | .....    | 9.86            | 5.85      | 15.71 | 2.67    | .....                     | Florida Fert. Co., Gainesville.     |
| Fertilizer .....         | 559            | .....    | 7.22            | 0.36      | 7.58  | 4.36    | 5.91                      | Rome Tinny, Ozond, Fla.             |
| Raw Bone Meal.....       | 560            | .....    | .....           | .....     | 25.86 | 4.14    | .....                     | Jas. B. Holmes, Jensen, Fla.        |
| Fertilizer No. 1.....    | 561            | 9.05     | 6.58            | 0.48      | 7.06  | 4.48    | 11.23                     | J. C. Cowburn, Crescent City, Fla.  |
| Fertilizer No. 2.....    | 562            | 7.10     | 6.39            | 0.68      | 7.07  | 4.42    | 12.86                     | J. C. Cowburn, Crescent City, Fla.  |
| Fertilizer .....         | 563            | 14.50    | 9.67            | 1.14      | 10.81 | 2.12    | 6.37                      | E. V. Lundbery, Crescent City, Fla. |
| H. G. Acid Phosphate No. |                |          |                 |           |       |         |                           |                                     |
| 1.....                   | 564            | 13.40    | 43.49           | 0.33      | 43.82 | .....   | .....                     | O. B. Robinson, Lake Como, Fla.     |
| Fertilizer No. 2.....    | 565            | 10.55    | 6.75            | 0.81      | 7.56  | 3.96    | 6.97                      | O. B. Robinson, Lake Como, Fla.     |
| Fertilizer No. 3.....    | 566            | 11.95    | 5.84            | 0.73      | 6.57  | 3.89    | 7.20                      | O. B. Robinson, Lake Como, Fla.     |
| Fertilizer .....         | 567            | .....    | .....           | .....     | 2.20  | 5.62    | 6.06                      | Geo. W. Ruffe, Ft. Pierce, Fla.     |
| Fertilizer No. 1.....    | 568            | .....    | 7.45            | 3.55      | 11.00 | 2.72    | 11.55                     | Wm. Edwards, Plymouth, Fla.         |
| Fertilizer No. 2.....    | 569            | .....    | 8.24            | 7.20      | 15.44 | 2.38    | 9.61                      | Wm. Edwards, Plymouth, Fla.         |
| Fertilizer No. 3.....    | 570            | .....    | 8.67            | 7.85      | 15.52 | 2.98    | 9.46                      | Wm. Edwards, Plymouth, Fla.         |

## BUREAU OF FERTILIZERS—Continued.

268

| NAME OF BRAND                          | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K1) | BY WHOM SENT                      |
|----------------------------------------|----------------|----------|-----------------|-----------|-------|---------|-------------|-----------------------------------|
|                                        |                |          | Available       | Insoluble | Total |         |             |                                   |
| Fertilizer .....                       | 571            | 8.25     | 7.35            | 0.32      | 7.67  | 3.74    | 12.28       | J. C. Hull, Orlando, Fla.         |
| Cotton Seed Meal. ....                 | 572            | .....    | .....           | .....     | 2.23  | 6.46    | 1.56        | A. M. Munroe, Crown Point, Fla.   |
| Bone Meal .. .....                     | 573            | .....    | .....           | .....     | 26.52 | 4.53    | .....       | James Holmes, Jensen, Fla.        |
| Tobacco Dust .....                     | 574            | .....    | .....           | .....     | ..... | 2.99    | 8.92        | James Holmes, Jensen, Fla.        |
| Rock Phosphate .. .....                | 575            | .....    | .....           | .....     | 35.77 | .....   | .....       | J. S. Flanagan, San Antonio, Fla. |
| Special Mixture No. 2....              | 576            | .....    | 8.21            | 0.30      | 8.51  | 4.57    | 13.40       | F. D. Waite, Palmetto, Fla.       |
| Special Mixture No. 1....              | 577            | .....    | 6.55            | 0.30      | 6.85  | 6.00    | 12.58       | F. D. Waite, Palmetto, Fla.       |
| Dissolved Animal Bone<br>Black .....   | 578            | .....    | .....           | .....     | 21.09 | .....   | .....       | F. D. Waite, Palmetto, Fla.       |
| Nitrate of Soda .....                  | 579            | .....    | .....           | .....     | ..... | 17.48   | .....       | F. D. Waite, Palmetto, Fla.       |
| Nitrate of Soda No. 2....              | 580            | .....    | .....           | .....     | ..... | 15.89   | .....       | F. D. Waite, Palmetto, Fla.       |
| Sulphate of Ammonia ...                | 581            | .....    | .....           | .....     | ..... | 25.21   | .....       | F. D. Waite, Palmetto, Fla.       |
| H. G. Sulphate of Potash               | 582            | .....    | .....           | .....     | ..... | .....   | 49.08       | F. D. Waite, Palmetto, Fla.       |
| H. G. Acid Phosphate ...               | 583            | .....    | 17.51           | 0.40      | 17.91 | .....   | .....       | F. D. Waite, Palmetto, Fla.       |
| Special Mixture .....                  | 584            | .....    | 5.15            | 2.13      | 7.28  | 6.19    | 8.18        | C. F. Olmstead, Ft. Pierce, Fla.  |
| Ground Kentucky Tobacco<br>Stems ..... | 585            | .....    | .....           | .....     | ..... | 2.24    | 8.92        | L. B. Abdill, Eldred, Fla.        |
|                                        |                |          |                 |           |       | 2.11    |             | L. B. Abdill, Eldred, Fla.        |

| NAME OF BRAND.                | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                         |
|-------------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|---------------------------------------|
|                               |                |          | Available       | Insoluble | Total |         |                           |                                       |
| Dissolved Bone Black.....     | 587            | .....    | 12.22           | 8.41      | 20.63 | .....   | .....                     | Florida Fert. Co., Gainesville, Fla.  |
| Acme Brand Fertilizer.....    | 588            | .....    | 8.89            | 1.76      | 10.15 | 5.32    | 14.90                     | Florida Fert. Co., Gainesville, Fla.  |
| Bright Cotton Seed Meal.....  | 589            | .....    | .....           | .....     | ..... | 7.35    | .....                     | Florida C. O. Co., Jacksonville.      |
| Fertilizer No. 2.....         | 590            | .....    | 7.10            | 0.70      | 7.80  | 2.88    | 12.18                     | Ed V. Lunberg, Crescent City, Fla.    |
| Special Mixture.....          | 591            | .....    | 2.28            | 0.78      | 3.06  | 7.07    | 7.05                      | Geo. W. Ruple, Ft. Pierce, Fla.       |
| Nitrate of Potash.....        | 592            | .....    | .....           | .....     | ..... | 15.00   | 43.68                     | E. E. Thompson, Avon Park, Fla.       |
| Special Mixture.....          | 593            | .....    | 2.40            | 1.07      | 3.47  | 6.18    | 7.04                      | J. G. May, Ft. Pierce, Fla.           |
| Ground Ky. Tobacco Stems..... | 594            | .....    | .....           | .....     | ..... | 2.62    | 10.33                     | E. O. Painter Fert. Co., Jacksonville |
| Fertilizer.....               | 595            | 9.40     | 6.18            | 0.81      | 6.49  | 3.15    | 13.37                     | Jas. N. O'Kane, Mulberry, Fla.        |
| Bat Guano.....                | 596            | 36.25    | .....           | .....     | 5.28  | 5.84    | 0.19                      | C. W. Butler, St. Petersburg, Fla.    |
| Fertilizer.....               | 597            | 6.45     | 0.77            | 0.26      | 1.03  | 5.25    | 7.56                      | R. L. Goodwin, Ft. Pierce, Fla.       |
| Dark Cotton Seed Meal.....    | 598            | .....    | .....           | .....     | ..... | 7.29    | .....                     | R. L. Goodwin, Ft. Pierce, Fla.       |
| Cotton Seed Meal No. 1.....   | 599            | .....    | .....           | .....     | ..... | 6.36    | .....                     | J. W. West, Gibson, Fla.              |
| Cotton Seed Meal No. 2.....   | 600            | .....    | .....           | .....     | ..... | 7.64    | .....                     | J. W. West, Gibson, Fla.              |
| Caked Cotton Seed Meal.....   | 601            | .....    | .....           | .....     | ..... | 7.79    | .....                     | J. W. West, Gibson, Fla.              |

## BUREAU OF FERTILIZERS—Continued.

270

| NAME OF BRAND.            | Laboratory No. | Phosphoric Acid |           |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                          |
|---------------------------|----------------|-----------------|-----------|-----------|-------|---------|---------------------------|----------------------------------------|
|                           |                | Moisture        | Available | Insoluble | Total |         |                           |                                        |
| Ashes.....                | 602            | .....           | .....     | .....     | ..... | .....   | 1.52                      | Jno. E. Morris, Sanabell, Fla.         |
| Compost .....             | 603            | 49.00           | 0.17      | 0.15      | 0.32  | 0.67    | 0.22                      | Jno. E. Morris' Sanabell, Fla.         |
| Fertilizer.....           | 605            | .....           | 7.28      | 3.50      | 10.78 | 3.58    | 2.52                      | E. G. Bags, Plant City, Fla.           |
| Fertilizer.....           | 606            | .....           | 3.37      | 1.61      | 4.98  | 4.32    | 5.63                      | Ankeney Fruit Co., Eldred, Fla.        |
| Fertilizer .....          | 607            | .....           | 5.49      | 2.40      | 7.89  | 2.29    | 12.37                     | Galloway Refrigerator Co Gallo'y Fla   |
| Fertilizer .....          | 608            | 6.20            | 18.07     | 0.50      | 18.57 | 0.31    | 0.23                      | Manatee Fert. Co. Palmetto, Fla.       |
| Fertilizer .....          | 609            | .....           | 4.22      | 4.98      | 9.20  | 3.73    | 3.33                      | Harvey E. Heitman. Ft. Myers, Fla.     |
| Cotton Seed Meal .....    | 610            | .....           | .....     | .....     | ..... | 8.56    | .....                     | W. S. McCall, Sheriff, Gadsden, Fla.   |
| Day Break Fertilizer..... | 611            | .....           | 9.21      | 0.54      | 9.75  | 1.86    | 2.60                      | B. F. Glass, Glass, P. O., Fla.        |
| Special Mixture .....     | 612            | .....           | 4.90      | 2.86      | 7.76  | 3.54    | 5.73                      | R. E. Rose, Tallahassee.               |
| Cotton Seed Meal.....     | 613            | .....           | .....     | .....     | ..... | 7.92    | .....                     | Issaac Stewart, DeLand, Fla.           |
| Crude Nitrate of Potash.. | 614            | .....           | .....     | .....     | ..... | 13.03   | 45.68                     | E. E. Thompson, Avon Park, Fla.        |
| Ground Ky. Tobacco Stems  | 615            | .....           | .....     | .....     | ..... | 2.81    | 9.72                      | E. O. Painter Fert. Co., Jacksonville. |
| Raw Soft Phosphate.....   | 616            | .....           | 3.22      | 18.05     | 21.67 | .....   | .....                     | J. A. Tompkins, Citra, Fla.            |
| Fertilizer .....          | 617            | .....           | .....     | .....     | 0.25  | 4.14    | 13.28                     | G. Douet, Astatula, Fla.               |

| NAME OF BRAND.             | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                       |
|----------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|-------------------------------------|
|                            |                |          | Available       | Insoluble | Total |         |                           |                                     |
| Cotton Seed Meal.....      | 618            | .....    | .....           | .....     | ..... | 7.74    | .....                     | R. H. Rice, Umatilla, Fla.          |
| Goulding's Acid Phosphate  | 619            | 10.85    | 20.82           | 0.25      | 22.57 | .....   | .....                     | Goulding Fert. Co., Pensacola.      |
| Meal Mixture.....          | 620            | 10.85    | 12.51           | 0.58      | 13.19 | 2.50    | 0.47                      | Goulding Fert. Co., Pensacola.      |
| Bone Compound.....         | 621            | 11.55    | 10.45           | 2.41      | 12.86 | 2.67    | 2.84                      | Goulding Fert. Co., Pensacola.      |
| Cotton Seed Meal.....      | 622            | .....    | .....           | .....     | ..... | 8.07    | .....                     | Tallahassee C. O. Co., Tallahassee. |
| Cotton Seed Meal.....      | 623            | .....    | .....           | .....     | ..... | 7.70    | .....                     | Tallahassee C. O. Co., Tallahassee. |
| Cotton Seed Meal.....      | 624            | .....    | .....           | .....     | ..... | 7.73    | .....                     | Tallahassee C. O. Co., Tallahassee. |
| H. G. Blood, Bone and Pot- | .....          | .....    | .....           | .....     | ..... | .....   | .....                     | .....                               |
| ash.....                   | 625            | .....    | 3.71            | 2.11      | 7.82  | 7.09    | 11.21                     | J. G. May, Ft. Pierce, Fla.         |
| Cotton Seed Meal.....      | 626            | .....    | .....           | .....     | ..... | 7.48    | .....                     | Tallahassee C. O. Co., Tallahassee. |
| Fertilizer.....            | 627            | .....    | 4.48            | 2.26      | 6.74  | 4.71    | 6.52                      | H. M. Foy, Ellenton, Fla.           |
| Ashes.....                 | 628            | .....    | .....           | .....     | ..... | .....   | 3.87                      | J. J. Schaburger, Delray, Fla.      |
| Fertilizer.....            | 629            | .....    | 2.59            | 2.19      | 7.48  | 5.52    | 14.06                     | Samuel Turner, Ft. Pierce, Fla.     |
| Special Mixture (200)..... | 630            | 9.05     | 6.18            | 2.59      | 8.77  | 4.92    | 4.98                      | C. F. Olmstead, Ft. Pierce, Fla.    |
| Special Mixture (100)..... | 631            | 7.05     | 5.86            | 8.02      | 13.88 | 5.42    | 9.62                      | C. F. Olmstead, Ft. Pierce          |

## BUREAU OF FERTILIZERS—Continued.

272

| NAME OF BRAND.              | Laboratory No. | Moisture | Phosphoric Acid |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM SENT.                   |
|-----------------------------|----------------|----------|-----------------|-----------|-------|---------|---------------------------|---------------------------------|
|                             |                |          | Available       | Insoluble | Total |         |                           |                                 |
| Bat Manure.....             | 632            | .....    | .....           | .....     | 15.77 | 3.46    | .....                     | O. R. Price, Ft. Myers, Fla.    |
| Bat Manure (Wet No. 1.)..   | 633            | .....    | .....           | .....     | 1.53  | 1.02    | .....                     | O. R. Price, Ft. Myers, Fla.    |
| Bat Manure (Cristal No. 1.) | 634            | .....    | .....           | .....     | 20.98 | 0.31    | .....                     | O. R. Price, Ft. Myers, Fla.    |
| Bat Manure.....             | 635            | .....    | .....           | .....     | 34.99 | .....   | .....                     | O. R. Price, Ft. Myers, Fla.    |
| Bat Manure (White No. 1.)   | 636            | .....    | .....           | .....     | 3.69  | .....   | .....                     | O. R. Price, Ft. Myers, Fla.    |
| Cotton Seed Meal.....       | 637            | .....    | .....           | .....     | ..... | 7.97    | .....                     | J. M. Holding, Hallandale, Fla. |
| Rock Phosphate.....         | 638            | .....    | .....           | .....     | 27.85 | .....   | .....                     | A. L. Eichelburg, Ocala, Fla.   |
| Rock Phosphate.....         | 639            | .....    | .....           | .....     | 19.69 | .....   | .....                     | A. L. Eichelburg, Ocala, Fla.   |

For values see heading "Bureau of Fertilizers."

NOTE—This department is not aware of the source of the goods, or the names of manufacturers of "Special Samples" sent in by purchasers. Dealers frequently send in samples of goods for examination before purchasing. A "Special Sample" sent in by a dealer or manufacturer hence is not an evidence that the goods are offered by him for sale. The "Official Samples" taken by the State Chemist, or his assistant, on following pages, state the name of the goods and the manufacturers, the guaranteed analysis, and the amount of fertilizing ingredients found by the State Chemist.

Moisture not determined in samples sent in paper or wood boxes.

Tobacco stems and tobacco dust contain some phosphoric acid, but it is bought for the potash and ammonia content. Cotton seed meal contains some phosphoric acid and some potash, but is bought for the ammonia content.

Where only the insoluble phosphoric acid is given in the table, it has been determined as total phosphoric acid.

Not less than eight ounces ( $\frac{1}{2}$  pound), is required for a "Special Sample."

Special attention is called to the "Caution to Purchasers of Cotton Seed Meal" on another page. This adulterated meal is sold as bright or prime meal--though the guarantee is but  $4\frac{1}{2}$  per cent. of ammonia--it is evidently adulterated with rice hulls, its value is but little more than half that of prime meal.

DEPARTMENT OF AGRICULTURE, DIVISION OF CHEMISTRY.

274

R. E. ROSE, STATE CHEMIST, ANALYSIS OF FERTILIZERS, 1904, MARION G. DONK, ASSISTANT CHEMIST.

Samples taken by State Chemist under Section 1, Act approved May 22 1901.

| NAME OF BRAND                     | Laboratory Number |                         | Moisture | PHOSPHORIC ACID |           |       | Ammonia | Potash (K <sub>2</sub> O) | BY WHOM AND WHERE MANUFACTURED              |
|-----------------------------------|-------------------|-------------------------|----------|-----------------|-----------|-------|---------|---------------------------|---------------------------------------------|
|                                   |                   |                         |          | Available       | Insoluble | Total |         |                           |                                             |
| Cotton Seed Meal.....             | 311               | Guarant'd Analysis..... |          |                 |           |       | 7.35    | .....                     | Southern Cotton Oil Co.,<br>Washington, Ga. |
|                                   |                   | Official Analysis.....  |          |                 |           |       | 8.12    | .....                     |                                             |
| Tobacco Dust.....                 | 312               | Guarant'd Analysis..... |          |                 |           |       | 1.20    | 2.50                      | Tampa Fert Co, Tampa,<br>Fla.               |
|                                   |                   | Official Analysis.....  |          |                 |           |       | 1.38    | 2.80                      |                                             |
| Hard Wood Ashes.....              | 313               | Guarant'd Analysis..... |          |                 |           |       |         | 5.50                      | Blackshear Manufa'g Co.,<br>Blackshear, Ga. |
|                                   |                   | Official Analysis.....  |          |                 |           |       |         | 4.60                      |                                             |
| H G. Dissolved Bone<br>Black..... | 314               | Guarant'd Analysis..... | 10.00    | 16.00           |           |       |         |                           | Armour Fert. Co., Jack-<br>sonville.        |
|                                   |                   | Official Analysis....   | 11.30    | 20.26           | 0.29      | 20.55 |         |                           |                                             |
| Acid Phosphate.....               | 315               | Guarant'd Analysis..... |          | 14.00           |           |       |         |                           | Tampa Fert. Co., Tampa,<br>Fla.             |
|                                   |                   | Official Analysis....   | 13.90    | 13.76           | 0.35      | 13.90 |         |                           |                                             |

|                                     |     |                       |       |       |       |       |      |       |                          |
|-------------------------------------|-----|-----------------------|-------|-------|-------|-------|------|-------|--------------------------|
| Steamed Bone Flour....              | 316 | Guarant'd Analysis.   | ..... | ..... | ..... | 23.00 | 3.00 | ..... | Tampa Fert. Co., Tampa,  |
|                                     |     | Official Analysis.... | 5.75  | 13.38 | 13.46 | 26.84 | 3.85 | ..... | Fla.                     |
| H. G. Vegetable Manure.             | 317 | Guarant'd Analysis.   | 10 00 | 5 00  | 2 00  | ..... | 4 00 | 6 00  | Tampa Fert. Co., Tampa,  |
|                                     |     | Official Analysis.... | 12 10 | 7 64  | 2 05  | 9 69  | 4 16 | 5 98  | Fla.                     |
| Fruit and Vine Manure.              | 318 | Guarant'd Analysis.   | 8 00  | 6 00  | 1 00  | ..... | 2 00 | 12 00 | Tampa Fert. Co., Tampa,  |
|                                     |     | Official Analysis.... | 8 95  | 8 31  | 0 64  | 8 95  | 2 42 | 11 09 | Fla.                     |
| Ober's Fruit and Vine..             | 319 | Guarant'd Analysis.   | 11 00 | 6 00  | 2 00  | ..... | 2 50 | 10 00 | Oberr & Sons, Baltimore, |
|                                     |     | Official Analysis.... | 6 95  | 8 93  | 1 54  | 10 47 | 3 27 | 9 36  | Md.                      |
| Ober's Vegetable Ma-<br>nure.....   | 320 | Guarant'd Analysis.   | 14 00 | 6 00  | 1 00  | ..... | 5 00 | 6 00  | Ober & Sons, Baltimore,  |
|                                     |     | Official Analysis.... | 13 70 | 7 87  | 1 78  | 9 65  | 5 43 | 5 96  | Md.                      |
| Baugh's Special Orange<br>Trec..... | 321 | Guarant'd Analysis.   | 12 00 | 5 00  | 2 00  | ..... | 2 00 | 10 00 | Baugh & Sons, Baltimore, |
|                                     |     | Official Analysis.... | 6 20  | 8 18  | 1 97  | 10 15 | 2 39 | 9 69  | Md.                      |
| Baugh's Vegetable Ma-<br>nure.....  | 322 | Guarant'd Analysis.   | 12 00 | 6 00  | 4 00  | ..... | 5 00 | 7 00  | Baugh & Sons, Baltimore; |
|                                     |     | Official Analysis.... | 13 35 | 6 71  | 1 71  | 8 42  | 5 48 | 6 88  | Md.                      |
| Double Strength of Pot-<br>ash..... | 323 | Guarant'd Analysis.   | 10 00 | 5 00  | 2 00  | ..... | 1 50 | 10 00 | Florida Fertilizer Co.,  |
|                                     |     | Official Analysis.... | 7 55  | 6 65  | 1 09  | 7 74  | 2 05 | 11 40 | Gainesville, Fla.        |
| Peruvian and Fish Gu-<br>ano.....   | 324 | Guarant'd Analysis.   | 10 00 | 5 00  | 1 00  | ..... | 4 50 | 5 00  | Florida Fertilizer Co.,  |
|                                     |     | Official Analysis.... | 8 35  | 6 22  | 2 44  | 8 66  | 4 92 | 6 58  | Gainesville, Fla.        |
| Potato Mixture.....                 | 325 | Guarant'd Analysis.   | 10 00 | 5 00  | 2 00  | ..... | 3 00 | 9 00  | Florida Fertilizer Co.   |
|                                     |     | Official Analysis.... | 7 90  | 4 96  | 2 53  | 7 52  | 3 79 | 8 23  | Gainesville, Fla.        |

## ANALYSIS OF FERTILIZERS—Continued.

276

|                                                            |     |                                                  |              |              |               |               |               |                |                                               |
|------------------------------------------------------------|-----|--------------------------------------------------|--------------|--------------|---------------|---------------|---------------|----------------|-----------------------------------------------|
| Peruvian & Fish Guano<br>Double strength of<br>Potash..... | 326 | Guarant'd Analysis.....<br>Official Analysis.... | 5.00<br>7.00 | 1.00<br>6.35 | .....<br>4.65 | 4 50<br>11.00 | 10.00<br>4.09 | 9.56           | Florida Fertilizer Co.,<br>Gainesville, Fla.  |
| Orange Tree Fertilizer..                                   | 327 | Guarant'd Analysis.<br>Official Analysis...      | 9 00<br>5 20 | 5 00<br>5 62 | 2 00<br>1 83  | .....<br>7 45 | 3 00<br>3 74  | 10 00<br>10 78 | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Vegetable Fertiliz'r No 1                                  | 328 | Guarant'd Analysis.<br>Official Analysis....     | 8 00<br>8 80 | 4 00<br>3 95 | 2 00<br>2 76  | .....<br>6 71 | 4 50<br>4 41  | 5 00<br>6 04   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Fish and Potash.....                                       | 329 | Guarant'd Analysis.<br>Official Analysis....     | 9 00<br>9 90 | 3 00<br>3 19 | 2 00<br>1 29  | .....<br>4 48 | 6 00<br>6 35  | 5 00<br>6 66   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Bean Special.....                                          | 330 | Guarant'd Analysis.<br>Official Analysis....     | 8 00<br>4 90 | 4 00<br>4 24 | 3 00<br>3 04  | .....<br>7 28 | 3 50<br>4 61  | 8 00<br>7 85   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Cuke Special.....                                          | 331 | Guarant'd Analysis.<br>Official Analysis....     | 9 00<br>4 75 | 3 50<br>3 15 | 2 00<br>2 21  | .....<br>5 36 | 4 00<br>4 24  | 8 00<br>8 52   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Early Trucker.....                                         | 332 | Guarant'd Analysis.<br>Official Analysis....     | 7 00<br>6 80 | 4 00<br>3 52 | 2 00<br>1 98  | .....<br>5 50 | 5 00<br>5 43  | 5 00<br>5 09   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Lettuce Special.....                                       | 333 | Guarant'd Analysis.<br>Official Analysis....     | 9 00<br>4 95 | 4 00<br>4 74 | 2 00<br>2 81  | .....<br>7 28 | 6 00<br>6 06  | 6 00<br>6 99   | Standard Fertilizer Co.,<br>Gainesville, Fla. |
| Strawberry Special Fer-<br>tilizer.....                    | 334 | Guarant'd Analysis.<br>Official Analysis....     | 8 00<br>9 80 | 6 00<br>5 91 | .....<br>2 22 | .....<br>8 13 | 3 00<br>3 98  | 5 00<br>5 14   | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.        |

## ANALYSIS OF FERTILIZERS—Continued.

277

|                                         |     |                                              |                |                |                |                |              |                |                                                    |
|-----------------------------------------|-----|----------------------------------------------|----------------|----------------|----------------|----------------|--------------|----------------|----------------------------------------------------|
| Champion Citrus Com-<br>pound.....      | 335 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>11 25 | 6 00<br>5 86   | .....<br>0 93  | .....<br>6 77  | 3 00<br>4 03 | 14 00<br>11 50 | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.             |
| Old Dominion Potato<br>Manure.....      | 336 | Guarant'd Analysis.<br>Official Analysis.... | 8 00<br>14 50  | 7 00<br>5 37   | .....<br>1 11  | .....<br>6 51  | 5 00<br>5 09 | 8 00<br>8 42   | Va.-C r. Chem. Co., Sa-<br>vannah, Ga.             |
| Special Vegetable<br>Grower.....        | 337 | Guarant'd Analysis.<br>Official Analysis.... | 8 00<br>12 12  | 8 00<br>8 28   | .....<br>1 80  | .....<br>10 08 | 3 00<br>3 01 | 3 00<br>3 06   | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.             |
| Tiptop Tomato Trucker.                  | 338 | Guarant'd Analysis.<br>Official Analysis.... | 8 00<br>12 51  | 7 00<br>7 23   | .....<br>1 70  | .....<br>8 93  | 4 00<br>4 59 | 5 00<br>5 16   | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.             |
| Fruit and Vine.....                     | 339 | Guarant'd Analysis.<br>Official Analysis.... | 8 00<br>11 35  | 6 00<br>5 88   | .....<br>1 03  | .....<br>6 91  | 2 50<br>3 09 | 10 00<br>9 81  | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.             |
| Southern States Special.                | 340 | Guarant'd Analysis<br>Official Analysis....  | .....<br>11 65 | 6 00<br>8 49   | .....<br>1 53  | .....<br>10 02 | 4 00<br>3 59 | 5 00<br>5 98   | Va.-Car. Chem. Co., Sa-<br>vannah, Ga.             |
| Cotton Seed Meal.....                   | 341 | Guarant'd Analysis<br>Official Analysis....  | .....<br>..... | .....<br>..... | .....<br>..... | 2 50<br>.....  | 8 00<br>8 68 | 1 50<br>.....  | Southern Cotton Oil Co.,<br>Pensacola.             |
| Sterns Ammoniated Raw<br>Bone.....      | 342 | Guarant'd Analysis.<br>Official Analysis.... | 15 00<br>15 75 | 8 00<br>9 47   | 1 00<br>2 06   | .....<br>11 56 | 2 00<br>2 10 | 2 00<br>1 48   | Standard Guano & Chem.<br>M'f'g. Co., New Orleans. |
| Baltimore Soluable<br>Bone.....         | 343 | Guarant'd Analysis.<br>Official Analysis.... | 15 00<br>14 95 | 10 00<br>10 32 | 1 00<br>3 70   | .....<br>14 11 | 1 00<br>1 47 | 1 00<br>1 11   | Georgia Chemical Co.,<br>Augusta, Ga.              |
| Cumberland Standard<br>Fertilizers..... | 344 | Guarant'd Analysis.<br>Official Analysis.... | 14 00<br>13 40 | 8 00<br>8 65   | 1 00<br>0 51   | .....<br>9 17  | 2 00<br>1 98 | 2 00<br>1 97   | Mutual Fertilizer Co., Sa-<br>vannah.              |

## ANALYSIS OF FERTILIZERS---Continued.

278

|                                  |     |                       |       |       |       |       |       |       |                                                |
|----------------------------------|-----|-----------------------|-------|-------|-------|-------|-------|-------|------------------------------------------------|
| Scotts H. G. Acid Phosphate..... | 345 | Guarant'd Analysis.   | 12 00 | 14 00 | 2 00  | ..... | ..... | ..... | Va.-Car. Chem. Co., Montgomery, Ala.           |
|                                  |     | Official Analysis.... | 14 00 | 15 27 | 1 84  | 17 11 | ..... | ..... |                                                |
| Champion Farmers' Choice.....    | 346 | Guarant'd Analysis.   | 15 00 | 8 00  | 1 00  | ..... | 2 00  | 2 00  | Standard Guano & Chem. M'fg. Co., New Orleans. |
|                                  |     | Official Analysis.... | 11 70 | 9 38  | 1 25  | 10 63 | 2 37  | 2 77  |                                                |
| Vegetable Compound...            | 347 | Guarant'd Analysis.   | 16 00 | 7 00  | 1 00  | ..... | 4 00  | 4 00  | Goulding Fertilizer Co., Pensacola.            |
|                                  |     | Official Analysis.... | 14 05 | 9 82  | 1 93  | 11 75 | 2 51  | 4 52  |                                                |
| Baltimore Soluble Bone           | 348 | Guarant'd Analysis.   | 15 00 | 10 00 | 1 00  | ..... | 1 00  | 1 00  | Georgia Chemical Works, Augusta, Ga.           |
|                                  |     | Official Analysis.... | 13 75 | 10 06 | 2 03  | 12 14 | 0 84  | 0 93  |                                                |
| Bone and Potash.....             | 349 | Guarant'd Analysis.   | 15 00 | 10 00 | 1 00  | ..... | ..... | 2 00  | Georgia Chemical Works, Augusta, Ga.           |
|                                  |     | Official Analysis.... | 12 30 | 10 82 | 2 57  | 13 39 | ..... | 1 84  |                                                |
| H. G. Acid Phosphate             | 350 | Guarant'd Analysis.   | 16 00 | 15 00 | 1 00  | ..... | ..... | ..... | Goulding Fertilizer Co., Pensacola, Fla.       |
|                                  |     | Official Analysis.... | 13 20 | 16 92 | 0 43  | 17 35 | ..... | ..... |                                                |
| Hard Wood Ashes.....             | 351 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | ..... | 5 50  | W. R. Fuller & Co., Tampa, Fla.                |
|                                  |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 5 06  |                                                |
| H. G. Sulphate of Potash         | 352 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | ..... | 50 00 | W. R. Fuller & Co., Tampa, Fla.                |
|                                  |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 50 28 |                                                |
| Acid Phosphate.....              | 353 | Guarant'd Analysis.   | ..... | 14 00 | ..... | ..... | ..... | ..... | W. R. Fuller & Co., Tampa, Fla.                |
|                                  |     | Official Analysis.... | 14 25 | 14 75 | 1 02  | 15 47 | ..... | ..... |                                                |
| Sulphate of Ammonia...           | 354 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 24 00 | ..... | Manatee Fertilizer Co., Palmetto, Fla.         |
|                                  |     | Official Analysis.... | ..... | ..... | ..... | ..... | 25.09 | ..... |                                                |

## ANALYSIS OF FERTILIZERS—Continued.

279

|                                    |     |                       |       |       |       |       |       |       |                          |
|------------------------------------|-----|-----------------------|-------|-------|-------|-------|-------|-------|--------------------------|
| Vegetable Fertilizer.....          | 355 | Guarant'd Analysis.   | 10 00 | 5 00  | 2 00  | ..... | 4 00  | 6 00  | W. R. Fuller Co., Tampa, |
|                                    |     | Official Analysis.... | 12 40 | 5 48  | 2 76  | 8 24  | 4 18  | 7 05  | Fla.                     |
| Fruit and Vine No. 1...            | 356 | Guarant'd Analysis.   | 8 00  | 6 00  | 1 00  | ..... | 2 00  | 12 00 | Baugh & Sons, Baltimore, |
|                                    |     | Official Analysis.... | 8 70  | 7 13  | 2 51  | 9 64  | 2 97  | 12 38 | Md.                      |
| H. G. Sulphate of Potash           | 357 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | ..... | 49 00 | W. R. Fuller Co., Tampa, |
|                                    |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 49 08 | Fla.                     |
| Fruit and Vine.....                | 358 | Guarant'd Analysis.   | 8 00  | 6 00  | 1 00  | ..... | 2 00  | 12 00 | W. R. Fuller Co., Tampa, |
|                                    |     | Official Analysis.... | 10 20 | 6 96  | 2 26  | 9 22  | 2 29  | 11 88 | Fla.                     |
| Baugh's Vegetable Ma-<br>nure..... | 359 | Guarant'd Analysis.   | 12 00 | 6 00  | 4 00  | ..... | 5 00  | 7 00  | Baugh & Sons, Baltimore, |
|                                    |     | Official Analysis.... | 9 85  | 7 62  | 1 45  | 9 07  | 4 91  | 7 60  | Md.                      |
| Dissolved Bone Black...            | 360 | Guarant'd Analysis.   | ..... | 17 00 | ..... | ..... | ..... | ..... | Baugh & Sons, Baltimore, |
|                                    |     | Official Analysis.... | 7 50  | 18 26 | 3 74  | 22 00 | ..... | ..... | Md.                      |
| H. G. Vegetable Fish<br>Guano..... | 361 | Guarant'd Analysis.   | 12 00 | 5 00  | 2 00  | ..... | 4 00  | 8 00  | Baugh & Sons, Baltimore, |
|                                    |     | Official Analysis.... | 9 15  | 5 13  | 3 22  | 8 35  | 4 00  | 7 05  | Md.                      |
| Acid Phosphate.....                | 362 | Guarant'd Analysis.   | ..... | 14 00 | ..... | ..... | ..... | ..... | Manatee Fert. Co., Pal-  |
|                                    |     | Official Analysis.... | 9 35  | 15 47 | 2 34  | 17 81 | ..... | ..... | metto, Fla.              |
| Blood and Bone.....                | 363 | Guarant'd Analysis.   | ..... | 6 00  | 8 00  | ..... | 6 50  | ..... | W. R. Fuller Co., Tam a, |
|                                    |     | Official Analysis.... | 10 00 | 5 71  | 9 79  | 15 50 | 6 58  | ..... | Fla.                     |
| Blood Bone and Potash.             | 364 | Guarant'd Analysis.   | 8 00  | 6 00  | 3 00  | ..... | 4 00  | 4 00  | W. R. Fuller Co., Tampa, |
|                                    |     | Official Analysis.... | 10 90 | 6 26  | 3 17  | 9 48  | 3 93  | 4 20  | Fla.                     |

## ANALYSIS OF FERTILIZERS—Continued.

280

|                                      |     |                       |       |       |       |       |       |       |                           |
|--------------------------------------|-----|-----------------------|-------|-------|-------|-------|-------|-------|---------------------------|
| Orange Tree Special.....             | 365 | Guarant'd Analysis.   | 12 00 | 6 00  | 2 00  | ..... | 2 50  | 12 00 | Manatee Fert. Co., Palm-  |
|                                      |     | Official Analysis.... | 7 80  | 7 57  | 0 38  | 7 95  | 2 27  | 13 65 | etto, Fla.                |
| Dark Cotton Seed Meal.               | 365 | Guarant'd Analysis.   | 12 00 | ..... | ..... | ..... | 5 00  | ..... | Florida Mn'g Co., Madi-   |
|                                      |     | Official Analysis ... | ..... | ..... | ..... | ..... | 4 89  | ..... | son, Fla.                 |
| H. G. Sulphate of Potash             | 367 | Guarant'd Analysis    | ..... | ..... | ..... | ..... | ..... | 49 00 | Manatee Fert. Co., Pal-   |
|                                      |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 49 72 | metto, Fla.               |
| L. G. Sulphate of Potash             | 368 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | ..... | 27 00 | Manatee Fert. Co., Pal-   |
|                                      |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 25 86 | metto, Fla.               |
| Cotton Seed Meal.....                | 369 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 8 00  | ..... | H. E. Bridges, Memphis,   |
|                                      |     | Official Analysis.... | ..... | ..... | ..... | ..... | 8 25  | ..... | Tenn,                     |
| Cotton Seed Meal.....                | 370 | Guarant'd Analysis.   | 7 05  | ..... | ..... | 2 40  | 8 00  | 1 78  | Abbeville Cotton Oil Co., |
|                                      |     | Official Analysis.... | ..... | ..... | ..... | ..... | 8 51  | ..... | Abbeville, Ga,            |
| H. G. Sulphate of Potash             | 371 | Guarant'd Analysis.   | 8 00  | ..... | ..... | ..... | ..... | 49 00 | E. O. Painter Fertilizer  |
|                                      |     | Official Analysis.... | ..... | ..... | ..... | ..... | ..... | 48 52 | Co., Jacksonville.        |
| Simon Pure Pine Apple                | 372 | Guarant'd Analysis.   | 8 00  | 4 00  | 1 00  | ..... | 4 00  | 6 00  | E. O. Painter Fertilizer  |
|                                      |     | Official Analysis.... | 7 90  | 5 75  | 1 89  | 7 55  | 3 80  | 7 01  | Co., Jacksonville.        |
| Simon Pure Tomato.....               | 373 | Guarant'd Analysis.   | 12 00 | 4 00  | 2 00  | ..... | 5 00  | 9 00  | E. O. Painter Fertilizer  |
|                                      |     | Official Analysis.... | 8 85  | 5 25  | 1 48  | 6 76  | 6 50  | 10 48 | Co., Jacksonville.        |
| H. G. Blood, Bone and<br>Potash..... | 374 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 7 00  | 10 00 | E. O. Painter Fertilizer  |
|                                      |     | Official Analysis.... | 6 10  | 2 21  | 1 61  | 3 83  | 7 91  | 10 11 | Co., Jacksonville.        |

|                                          |     |                         |       |       |      |       |                                                     |
|------------------------------------------|-----|-------------------------|-------|-------|------|-------|-----------------------------------------------------|
| Gem Bean Fertilizer.....                 | 375 | Guarant'd Analysis..... | 6.50  | ..... | 5.00 | 2.00  | E. O. Painter Fertilizer Co., Jacksonville.         |
|                                          |     | Official Analysis....   | 8.00  | 5 00  | 2.91 | 7.91  | 5 10 3 26                                           |
| Special Mixture No. 1...                 | 376 | Guarant'd Analysis.     | 8 00  | 6 00  | 1 00 | ..... | 5 00 5 00 Willson & Toomer Fert. Co., Jacksonville. |
|                                          |     | Official Analysis....   | 9 50  | 5 95  | 0 96 | 6 91  | 5 23 5 95                                           |
| Ideal Fertilizer.....                    | 377 | Guarant'd Analysis.     | 8 00  | 5 00  | 1 00 | ..... | 4 00 6 00 Willson & Toomer Fert. Co., Jacksonville. |
|                                          |     | Official Analysis....   | 9 20  | 6 15  | 0 95 | 7 11  | 3 63 8 26                                           |
| Mape's Fruit and Vine Manure.....        | 378 | Guarant'd Analysis.     | 10 00 | 5 00  | 2 00 | ..... | 2 00 10 00 Mape's Formula & P. G. Co., New York.    |
|                                          |     | Official Analysis....   | 15 95 | 5 44  | 2 57 | 8 01  | 2 50 11 05                                          |
| Mape's Vegetable Manure.....             | 379 | Guarant'd Analysis.     | 12 00 | 6 00  | 2 00 | ..... | 5 00 4 00 Mape's Formula & P. G. Co., New York.     |
|                                          |     | Official Analysis....   | 15 25 | 6 40  | 2 49 | 8 89  | 4 86 5 95                                           |
| Mape's Orange Tree Manure.....           | 380 | Guarant'd Analysis.     | 12 00 | 6 00  | 2 00 | ..... | 4 00 3 00 Mape's Formula & P. G. Co., New York.     |
|                                          |     | Official Analysis....   | 15 95 | 6 93  | 3 40 | 10 33 | 4 17 4 09                                           |
| Bradley's Fruit and Vine Fertilizer..... | 381 | Guarant'd Analysis.     | 13 00 | 5 50  | 1 00 | ..... | 2 25 10 00 American Ag'l & Chem. Co., New York.     |
|                                          |     | Official Analysis....   | 7 95  | 6 71  | 2 44 | 9 15  | 2 58 10 15                                          |
| Baugh's Fruit and Vine Manure.....       | 382 | Guarant'd Analysis.     | 12 00 | 5 00  | 2 00 | ..... | 2 00 15 00 Baugh & Son, Baltimore, Md.              |
|                                          |     | Official Analysis....   | 6 75  | 7 23  | 3 16 | 10 39 | 2 12 14 38                                          |
| Bradley's Vegetable Fertilizer.....      | 383 | Guarant'd Analysis.     | 13 00 | 6 00  | 1 00 | ..... | 4 00 5 00 American Ag'l & Chem. Co., New York.      |
|                                          |     | Official Analysis....   | 10 60 | 7 77  | 2 50 | 10 27 | 4 00 5 19                                           |
| Bradley's Nursery Stock                  | 384 | Guarant'd Analysis.     | 13 00 | 8 00  | 1 00 | ..... | 4 50 3 00 American Ag'l & Chem. Co., New York.      |
|                                          |     | Official Analysis....   | 12 50 | 8 66  | 2 95 | 11 61 | 4 22 2 92                                           |

## ANALYSIS OF FERTILIZERS—Continued.

282

|                                 |     |                       |       |       |       |       |      |       |                           |
|---------------------------------|-----|-----------------------|-------|-------|-------|-------|------|-------|---------------------------|
| Fruit and Vine.....             | 385 | Guarant'd Analysis.   | 8 00  | 6 00  | 1 00  | ..... | 2 50 | 10 00 | Va.-Carolina Chem, Co,    |
|                                 |     | Official Analysis.... | 7 60  | 6 22  | 0 33  | 6 55  | 2 68 | 8 73  | Savannah, Ga.             |
| Special Fruit and Vine..        | 386 | Guarant'd Analysis.   | 10 00 | 6 00  | 1 00  | ..... | 4 00 | 13 00 | Willson & Toomer Fert.    |
|                                 |     | Official Analysis.... | 5 10  | 6 59  | 0 36  | 6 95  | 4 70 | 13 70 | Co., Jacksonville.        |
| Cotton Seed Meal.....           | 387 | Guarant'd Analysis.   | ..... | ..... | ..... | 2 50  | 7 50 | 1 50  | W. A. Brode & Co., Mem-   |
|                                 |     | Official Analysis.... | ..... | ..... | ..... | 3 13  | 8 15 | 1 83  | phis, Tenn.               |
| Cotton Seed Meal.....           | 388 | Guarant'd Analysis.   | ..... | ..... | ..... | 2 00  | 7 50 | 1 00  | A. A. Smith, Atlanta, Ga. |
|                                 |     | Official Analysis.... | ..... | ..... | ..... | 3 08  | 7 58 | 1 92  |                           |
| Simon Pure No. I.....           | 389 | Guarant'd Analysis.   | 8 00  | 6 00  | 1 00  | ..... | 4 00 | 11 00 | E. O. Painter Fertilizer  |
|                                 |     | Official Analysis.... | 8 45  | 6 84  | 0 54  | 7 38  | 4 36 | 11 80 | Co., Jacksonville.        |
| Simon Pure Special.....         | 390 | Guarant'd Analysis.   | 12 00 | 3 00  | 1 00  | ..... | 4 00 | 4 00  | E. O. Painter Fertilizer  |
|                                 |     | Official Analysis.... | 7 50  | 6 00  | 1 96  | 7 69  | 4 73 | 4 68  | Co., Jacksonville.        |
| Simon Pure No. 2.....           | 391 | Guarant'd Analysis.   | ..... | 6 00  | 2 00  | ..... | 5 00 | 7 00  | E. O. Painter Fertilizer  |
|                                 |     | Official Analysis.... | 6 55  | 7 89  | 0 91  | 8 80  | 5 64 | 6 70  | Co., Jacksonville.        |
| Upland Cotton Seed<br>Meal..... | 392 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 6 00 | ..... | Valdosta Guano Co., Val-  |
|                                 |     | Official Analysis.... | ..... | ..... | ..... | ..... | 4 21 | ..... | dosta, Ga.                |
| Bright Cotton Seed Meal         | 393 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 8 00 | ..... | H. E. Bridges, Memphis,   |
|                                 |     | Official Analysis.... | ..... | ..... | ..... | ..... | 8 72 | ..... | Tenn.                     |
| Ground Castor Pomace.           | 394 | Guarant'd Analysis.   | 10 00 | ..... | ..... | 1 50  | 6 00 | 1 00  | Armour's Fert. Works,     |
|                                 |     | Official Analysis.... | ..... | ..... | ..... | ..... | 5 88 | ..... | Jacksonville.             |

|                                           |     |                       |       |       |       |       |       |       |                        |
|-------------------------------------------|-----|-----------------------|-------|-------|-------|-------|-------|-------|------------------------|
| Armour's Dried Blood..                    | 395 | Guarant'd Analysis.   | 12 00 | ..... | ..... | ..... | 16 00 | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | ..... | ..... | ..... | ..... | 17 63 | ..... | Jacksonville.          |
| Armour's Nitrate of Soda.....             | 396 | Guarant'd Analysis.   | ..... | ..... | ..... | ..... | 17 00 | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | ..... | ..... | ..... | ..... | 18 04 | ..... | Jacksonville.          |
| Armour's H. G. Sulphate of Potash.....    | 397 | Guarant'd Analysis.   | 5 00  | ..... | ..... | ..... | 50 00 | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | ..... | ..... | ..... | ..... | 48 09 | ..... | Jacksonville.          |
| Armour's Double Manure Salt.....          | 398 | Guarant'd Analysis.   | 5 00  | ..... | ..... | ..... | 24 00 | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | ..... | ..... | ..... | ..... | 27 14 | ..... | Jacksonville.          |
| Armour's Acid Phosphate.....              | 399 | Guarant'd Analysis.   | ..... | 18 00 | ..... | —     | ..... | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 13 15 | 17 83 | 1 37  | 19 20 | ..... | ..... | Jacksonville.          |
| Armour's Acid Phosphate.....              | 400 | Guarant'd Analysis.   | ..... | 14 00 | ..... | ..... | ..... | ..... | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 13 90 | 17 34 | 1 34  | 18 68 | ..... | ..... | Jacksonville.          |
| Armour's White Cloud Cotton.....          | 401 | Guarant'd Analysis.   | 10 00 | 8 00  | 1 00  | ..... | 2 00  | 2 80  | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 9 20  | 10 13 | 1 85  | 11 98 | 2 17  | 2 68  | Jacksonville.          |
| Armour's Water Melon Special.....         | 402 | Guarant'd Analysis.   | 10 00 | 5 00  | 0 25  | ..... | 3 00  | 8 00  | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 6 35  | 7 42  | 1 48  | 8 90  | 2 51  | 8 89  | Jacksonville.          |
| Armour's Fruit and Root Crop Special..... | 403 | Guarant'd Analysis.   | 10 00 | 8 00  | 1 00  | ..... | 2 00  | 5 00  | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 10 00 | 8 32  | 1 68  | 10 00 | 2 50  | 5 14  | Jacksonville.          |
| Armour's Blood, Bone and Potash.....      | 404 | Guarant'd Analysis.   | 10 00 | 8 00  | 1 00  | ..... | 5 00  | 7 00  | Armour's Fert. Works,  |
|                                           |     | Official Analysis.... | 7 35  | 8 21  | 2 12  | 10 33 | 5 21  | 7 92  | Jacksonville.          |
| Ideal Fruit and Vine....                  | 405 | Guarant'd Analysis.   | 10 00 | 6 00  | ..... | ..... | 3 00  | 10 00 | Willson & Toomer Fert. |
|                                           |     | Official Analysis.... | 10 20 | 8 35  | 0 64  | 8 89  | 2 79  | 10 41 | Co., Jacksonville.     |

## ANALYSIS OF FERTILIZERS—Continued.

284

|                                            |     |                         |       |       |       |       |       |       |                                     |
|--------------------------------------------|-----|-------------------------|-------|-------|-------|-------|-------|-------|-------------------------------------|
| Cotton Seed Meal.....                      | 406 | Guarant'd Analysis..... | 7 65  | ..... | ..... | 2 40  | 8 00  | 1 76  | Mc. Rae C. O. C. Mc. Rae, Ga.       |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 7 98  | ..... |                                     |
| Prime Cotton Seed Meal.....                | 407 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 8 00  | ..... | National C. S. Products Co.         |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 8 84  | ..... |                                     |
| Dark Cotton Seed Meal                      | 408 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 4 50  | ..... | Ga. Fert. & Oil Co. Valdosta, Ga.   |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 4 50  | ..... |                                     |
| Cotton Seed Meal.....                      | 409 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 8 00  | ..... | H. E. Bridges & Co., Memphis, Tenn. |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 7 62  | ..... |                                     |
| Muriate of Potash.....                     | 410 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 50 00 | ..... | Goulding Fert. Co., Pensacola.      |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 50 56 | ..... |                                     |
| Cotton Seed Meal.....                      | 411 | Guarant'd Analysis..... | ..... | ..... | ..... | 2 00  | 7 50  | 1 50  | Leidel C. O. Co., Demopolis Ala.    |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | 1 75  | 7 12  | 1 50  |                                     |
| Imperial Brand Cotton Seed Meal.....       | 412 | Guarant'd Analysis..... | ..... | ..... | ..... | 1 75  | 4 50  | 1 50  | Grant Bros. & Co., Memphis, Tenn.   |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 4 19  | ..... |                                     |
| Prime Cotton Seed Meal                     | 413 | Guarant'd Analysis..... | ..... | ..... | ..... | 2 50  | 7 50  | 1 50  | Mertz, Ibach & Co., Mobile, Ala.    |
|                                            |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 7 81  | ..... |                                     |
| Armour's Practical Trucker.....            | 414 | Guarant'd Analysis..... | 10 00 | 6 00  | 2 00  | ..... | 3 00  | 10 00 | Armour Fert. Works, Jacksonville.   |
|                                            |     | Official Analysis.....  | 6 65  | 7 48  | 1 10  | 8 58  | 2 82  | 9 26  |                                     |
| Armour's Largo Special Fruit and Wine..... | 415 | Guarant'd Analysis..... | 10 00 | 6 00  | 0 50  | ..... | 3 00  | 10 00 | Armour Fert. Works, Jacksonville.   |
|                                            |     | Official Analysis.....  | 8 55  | 6 16  | 0 70  | 6 86  | 3 53  | 12 10 |                                     |

|                                           |     |                                              |                |              |               |                |              |                |                                        |
|-------------------------------------------|-----|----------------------------------------------|----------------|--------------|---------------|----------------|--------------|----------------|----------------------------------------|
| Armours Practical Pine Apple.....         | 416 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>2 85  | 7 00<br>3 48 | 3 00<br>11 48 | .....<br>14 94 | 3 50<br>3 96 | 10 00<br>9 13  | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Golden Fruit-er.....             | 417 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>2 45  | 6 00<br>6 99 | 1 00<br>5 45  | .....<br>12 44 | 3 50<br>3 47 | 6 00<br>7 60   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Vegetable....                    | 418 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>7 41  | 7 00<br>8 09 | 2 00<br>2 31  | .....<br>10 40 | 4 00<br>4 19 | 6 00<br>6 62   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Fancy Pine Apple Special...e.... | 419 | Guarant'd<br>Official Analysis....           | 10 00<br>5 80  | 4 00<br>6 66 | 4 00<br>3 02  | .....<br>9 68  | 4 00<br>3 88 | 7 00<br>7 84   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Special Tree Grower.....         | 420 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>6 25  | 6 00<br>5 25 | 1 30<br>0 30  | .....<br>5 55  | 4 50<br>4 82 | 6 00<br>7 11   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Orange Tree Manure.....          | 421 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>8 50  | 6 00<br>8 69 | 2 00<br>3 33  | .....<br>11 02 | 3 50<br>3 64 | 4 00<br>4 42   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Corn and Cotton Grower.....      | 422 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>9 75  | 7 00<br>8 92 | 1 00<br>2 26  | .....<br>11 18 | 2 00<br>2 55 | 2 00<br>2 01   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Fruit and Vine.....              | 423 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>4 80  | 6 00<br>6 35 | 1 00<br>1 76  | .....<br>8 11  | 2 50<br>2 82 | 11 00<br>11 40 | Armour's Fert. Works,<br>Jacksonville. |
| Armour's Fish and Potash.....             | 424 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>11 20 | 3 00<br>4 26 | 2 00<br>1 86  | .....<br>6 12  | 7 00<br>7 40 | 6 00<br>7 31   | Armour's Fert. Works,<br>Jacksonville. |
| Armour's All Soluble                      | 425 | Guarant'd Analysis.<br>Official Analysis.... | 10 00<br>7 40  | 8 00<br>8 19 | 2 00<br>2 32  | .....<br>10 51 | 3 50<br>3 22 | 4 00<br>4 21   | Armour's Fert. Works,<br>Jacksonville. |

## ANALYSIS OF FERTILIZERS—Continued.

286

|                                    |     |                         |       |       |       |       |       |       |                                          |
|------------------------------------|-----|-------------------------|-------|-------|-------|-------|-------|-------|------------------------------------------|
| Armour's Star Bean Fertilizer..... | 426 | Guarant'd Analysis..... | 10 00 | 6 00  | 1 00  | ..... | 3 00  | 6 00  | Armour Fert. Works, Jacksonville.        |
|                                    |     | Official Analysis.....  | 8 25  | 6 72  | 2 18  | 8 90  | 3 12  | 6 69  |                                          |
| Armour's Lettuce Special.....      | 427 | Guarant'd Analysis..... | 10 00 | 3 00  | 2 00  | ..... | 7 00  | 4 00  | Armour Fert. Works, Jacksonville.        |
|                                    |     | Official Analysis.....  | 6 20  | 3 38  | 1 68  | 5 04  | 6 11  | 4 21  |                                          |
| Armour's Strawberry Fruiter.....   | 428 | Guarant'd Analysis..... | 10 00 | 5 00  | 2 00  | ..... | 2 00  | 10 00 | Armour's Fert. works, Jacksonville.      |
|                                    |     | Official Analysis.....  | 7 60  | 6 02  | 0 86  | 6 88  | 4 36  | 13 03 |                                          |
| Armour's Celery Grower.....        | 429 | Guarant'd Analysis..... | 10 00 | 5 10  | 1 00  | ..... | 8 00  | 4 00  | Armour's Fert. Works, Jacksonville.      |
|                                    |     | Official Analysis.....  | 7 70  | 5 70  | 2 40  | 8 10  | 7 32  | 4 40  |                                          |
| Canada Hard Wood Ashes.....        | 430 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | ..... | 4 00  | Wilson & Toomer Fert. Co.,               |
|                                    |     | Official Analysis.....  | ..... | ..... | ..... | ..... | ..... | 5 92  |                                          |
| H. G. Tobacco Dust....             | 431 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | ..... | ..... | Wilson & Toomer Fert. Co., Jacksonville. |
|                                    |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 0 93  | 4 24  |                                          |
| Cotton Seed Meal.....              | 432 | Official Analysis.....  | ..... | ..... | ..... | ..... | 8 00  | ..... | Goulding Fert. Co., Pensacola.           |
|                                    |     | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 7 30  | ..... |                                          |
| Ground Castor Pomace.....          | 433 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 6 50  | ..... | Wilson & Toomer Fert. Co., Jacksonville. |
|                                    |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 5 83  | ..... |                                          |
| Nitrate of Soda.....               | 434 | Guarant'd Analysis..... | ..... | ..... | ..... | ..... | 17 00 | ..... | Goulding Fert. Co., Pensacola.           |
|                                    |     | Official Analysis.....  | ..... | ..... | ..... | ..... | 17 34 | ..... |                                          |
| Acid Phosphate.....                | 435 | Guarant'd Analysis..... | ..... | 15 00 | ..... | ..... | ..... | ..... | Goulding Fert. Co., Pensacola.           |
|                                    |     | Official Analysis.....  | ..... | 18 04 | 0 45  | 18 49 | ..... | ..... |                                          |

|                                   |     |                       |       |      |       |       |      |       |                        |
|-----------------------------------|-----|-----------------------|-------|------|-------|-------|------|-------|------------------------|
| Ideal Fertilizer.....             | 436 | Guarant'd Analysis.   | 08    | 5 00 | 1 00  | ..... | 4 00 | 9 00  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.    | 7 60  | 6 44 | 0 92  | 7 36  | 4 17 | 7 28  | Co., Jacksonville.     |
| Peruvian E. and V. Manure.....    | 437 | Guarant'd Analysis.   | 10 00 | 6 00 | 7 00  | ..... | 3 00 | 10 00 | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 8 10  | 7 32 | 3 26  | 10 58 | 4 48 | 11 82 | Co., Jacksonville.     |
| Ideal Vegetable Manure.....       | 438 | Guarant'd Analysis.   | 8 00  | 6 00 | 1 00  | ..... | 4 00 | 8 00  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 12 25 | 7 72 | 0 51  | 8 23  | 4 58 | 6 09  | Co., Jacksonville.     |
| Special Mixture No. 1.            | 439 | Guarant'd Analysis.   | 8 00  | 6 00 | 1 00  | ..... | 5 00 | 5 00  | Wilson & Toomer, Fert. |
|                                   |     | Official Analysis.... | 9 20  | 6 91 | 1 09  | 8 00  | 4 49 | 6 70  | Co., Jacksonville.     |
| Ideal Blood, Bone and Potash..... | 440 | Guarant'd Analysis.   | 8 00  | 4 00 | 2 00  | ..... | 5 00 | 6 00  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 7 25  | 4 83 | 2 19  | 0 72  | 4 29 | 7 18  | Co., Jacksonville.     |
| Ideal Sugar Cane Fertilizer.....  | 441 | Guarant'd Analysis.   | 10 00 | 7 00 | ..... | ..... | 3 00 | 4 00  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 9 30  | 7 80 | 1 34  | 9 14  | 2 91 | 4 85  | Co., Jacksonville.     |
| Florida Special Pine-apple.....   | 442 | Guarant'd Analysis.   | 6 00  | 4 00 | 4 00  | ..... | 4 00 | 7 00  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 6 25  | 5 53 | 3 96  | 9 49  | 4 11 | 7 85  | Co., Jacksonville.     |
| Special Mixture for Corn.....     | 443 | Guarant'd Analysis.   | 10 00 | 8 00 | 1 00  | ..... | 2 50 | 3 50  | Wilson & Toomer Fert.  |
|                                   |     | Official Analysis.... | 11 70 | 8 87 | 1 21  | 10 08 | 2 81 | 3 98  | Co., Jacksonville.     |

# BUREAU OF FERTILIZERS, MISCELLANEOUS EXAMINATIONS, 1904.

## 242.—“Live Stock Medicine.”

Sulphate of iron (copperas).

Sulphur.

Sulphate of soda (glauber salts).

H. I. Drane, Kakeland, Fla.

## 343.—Soil from Dade county—Homestead country.

Iron and alumina .....1.91 per cent.

Carbonate of lime .....0.15 per cent.

Phosphoric acid .....0.91 per cent.

Magnesia .....None.

Potash .....Trace.

2.97 per cent.

Sand, clay, insoluble matter ....94.03 per cent.

100 per cent.

J. E. Ingraham, St. Augustine, Fla.

## 244.—Peat, or Muck.

From W. A. Davis, Wewahatchie, Fla.

## 245.—Boiler Scale.

Carbonate of lime, with trace of magnesia and phosphate.

R. A. Ellis, Aripeka, Fla.

## 246.—Carbonate of lime, with trace of iron and phosphate.

Mrs. Rebecca Cushing, Pensacola, Fla.

## 247.—Impure carbonate of lime, with silica (sand), trace of phosphate and iron.

H. E. Pollard, Pelot, Fla.

## 248.—Carbonate of lime, with trace of phosphate.

T. J. Bailey, Hudson, Fla.

## 249.—Soil.

No ammonia, no potash, trace of phosphate.

Jessie Nixon, Bailey, Fla.

## 250.—Bog Iron Ore.

Nodes of iron oxide.

Josiah Britt, Leon county.

## 251.—Limestone.

Carbonate of lime.

252.—Conglomerate, carbonate of lime, sand, silica, clay  
(alumina), no phosphate.

R. L. Martin, Ocala, Fla.

## 253.—Syrup, from Japanese Sugar Cane.

|                          |       |
|--------------------------|-------|
| Degrees, beaume .....    | 40.00 |
| Per cent., sucrose ..... | 45.59 |
| Per cent., glucose ..... | 26.91 |
| Per cent., ash .....     | 1.51  |
| Per cent., water .....   | 26.00 |

N. H. Fogg, Altamont Springs.

## 254.—Toilet Powder.

Composed of carbonate of lead and carbonate of  
lime, with trace of oil.

H. H. Palmer, Jacksonville, Fla.

## 255.—Iron Ore.

Brown hematite.

J. A. Eubanks, Henderson, Fla.

## 256.—Carbonate of lime, with trace of phosphate.

John D. Philips, Bailey, Fla.

257.—Marl No. 3; carbonate of lime, no magnesia, no  
phosphates.

Dr. J. M. Hawks, Hawks Park.

## 258.—Iron Ore.

Brown hematite; 40 per cent. matalic iron.

## 259.—Spring Water; Chalebeate Water.

Oxide of iron, carbonate of lime, sulphate of  
magnesia.

J. A. Eubanks, Hendersonville, Fla.

## 260.—Spring Water.

Total solids: 111. parts per 100.000 parts. Com-  
posed of chloride of sodium (common salt),  
sulphate of magnesium (epsom salt), car-  
bonate of lime.

J. H. Boyton, Boyton, Fla.

Agrl. 19.

## 261.—Spring Water.

Total solids 168 parts per 100,000 parts; composed of sodium chloride (common salt); magnesium sulphate (epsom salts), carbonate of lime, and ferrous oxide; nitrogen, as ammonia, 1 part per million.

T. Henry Asbury, Clearwater, Fla.

## 262.—Water.

Total solids: 34 parts per 100,000 parts; composed of carbonate of lime, sulphate of magnesia and sodium chlorida.

S. W. Watts, DeLand, Fla.

## 263.—Water.

Total solid per 100,000 parts, 66 parts; composed of carbonate of lime, sulphate of magnesium, chloride of sodium, oxide of iron, sulphate of sodium, sulphate of aluminum.

R. L. Nutt, Tavares, Fla.

## 264.—Sample of earth.

Sand, clay, and carbonate of lime, with trace of phosphate.

W. S. Turner, Ft. Meyers, Fla.

## 265.—Spring Water.

Total solids: 5.2 parts per 100,000 parts. Total solids too small for separator. Nitrogen—estimated as ammonia—0.09 parts per million.

## 266.—Spring Water.

Total solids: 3.7 parts per 100,000 parts. Total solids too small for separator. Nitrogen—estimated as ammonia—0.09 parts per million.

These waters are remarkably free of mineral solids.

L. A. Willson, Quincy, Fla.

## 267.—Water.

Total solids: 26.2 parts per 100,000 parts; composed of carbonate of lime, sulphate of magnesia, sodium chloride and oxide of iron.

W. W. Stratton, Jacksonville, Fla.

- 268.—Phosphatic Marl.  
Carbonate of lime, with 2.27 per cent. of phosphoric acid.  
John H. Blake, Palmetto, Fla.
- 269.—Sample No. 1.  
Carbonate of Lime.
- 270.—Sample No. 2.  
Carbonate of lime, with trace of phosphate.  
J. D. Shaw & Co., Lee, Fla.
- 271.—Conglomerate.  
Sand, clay, carbonate of lime, iron oxide, with trace of phosphate.  
John L. McFarlin, Quincy, Fla.
- 272.—Low grade iron ore (bag ore).
- 273.—Low grade iron ore (bag ore).
- 274.—Low grade iron ore (bag ore).
- 275.—Low grade iron ore (bag ore).  
J. H. Chason, Willis, Fla.
- 276.—Red Cehre and Clay.  
Iron oxide, silicate of alumina.  
Marion Phelps, Levyville, Fla.
- 277.—Mica.  
Silicate of magnesia.  
N. Barco, Crystal River, Fla.
- 278.—Fuller's Earth.  
Hydrated silicate of alumina, with trace of iron oxide.  
E. Neve, Tampa, Fla.
- 279.—Fuller's Earth, sand and iron.
- 280.—Fuller's Earth, sand and iron.
- 281.—Fuller's Earth, sand and iron.
- 282.—Fuller's Earth, sand and iron.  
All similar to No. 278.  
J. R. Houston, Tampa, Fla.
- 283.—"Green Vitrol."  
Sulphate of copper.  
C. H. Jernagan, Milton, Fla.

- 283.—Clay, impure kaolin.  
Mrs. M. L. Guthrie, Hudson, Fla.
- 284.—No. 1, Silicate of Lime.  
Petrified shell casts.
- 285.—No. 2, Phosphatic Nodules.  
Carbonate of lime, with trace of phosphate.
- 286.—No. 3, Crude Floridine.  
Infusorial earth, impure silica.
- 287.—No. 4, Calcined Infusorial Earth.  
99 per cent. silica (siliic acid).  
Hodges & O'Hara, Buffalo Bluff, Fla.
- 288.—Conglomerate.  
Sand, clay and peat.  
T. M. Weir, Tampa, Fla.
- 289.—Fuller's Earth.  
Benj. L. Blackburn, Tampa, Fla.
- 290.—Calcareous Marl.  
Carbonate of lime, silicate of alumina, with trace  
of phosphate.  
H. J. Drane, Lakeland, Fla.
- 291.—Peat Soils.  
Sour and undecomposed vegetable matter, and  
sand; wet muck.  
Henry S. Pennock, Neptune, Fla.
- 292.—Carbonate of Lime, with trace of iron oxide.  
Coraline limestone.  
Johnson & Clark. Ojus, Fla.
- 293.—Water.  
Total solid: 14. parts per 100,000 parts; com-  
posed of carbonate of lime, sulphate of mag-  
nesium, chloride of sodium, with trace of  
iron oxide.  
D. H. McDonald, Longwood, Fla.
- 294.—Rock.  
Carbonate of Lime, with oxide of iron and trace  
of phosphate.  
W. S. Blaisdell, Victoria, Fla.

## 295.—Rock.

Carbonate of lime, with oxide of iron and trace of phosphate.

J. R. Sewell, Winter Garden.

## 296.—Oxide of iron, brown ochre.

S. J. Norton, Titusville, Fla.

## 297.—Water.

Total solids: 13. parts per 100,000 parts; composed of sulphate of lime, chloride of sodium, with trace of oxide of iron.

T. B. Byrd, Tallahassee, Fla.

## 298.—Calcareous marl, carbonate of lime, with trace of phosphate.

J. E. Ingraham, St. Augustine, Fla.

## 299.—Carbonate of lime, and silica, oxide of iron.

J. A. J. Hathaway, Caryville, Fla.

## 300.—Crude Kaolin.

G. W. Bean, Port Tampa City, Fla.

## 301.—Saw Palmetton Juice.

Tannins ..... 6.97 per cent.

Non-tannins ..... 2.20 per cent.

Soluable solids ..... 9.17 per cent.

Guy R. Pride, Jacksonville, Fla.

## 302.—Copper Ore.

Copper ..... 6.32 per cent.

Iron .. ..... 7.18 per cent.

Quartz ..... 69.85 per cent.

Dr. Chapin, Tallahassee, Fla.

## 303.—Limestone.

Moisture ..... 1.3 per cent.

Carbonate of lime ..... 60.72 per cent.

Oxide of iron ..... 1.24 per cent.

Silica ..... 30.25 per cent.

Alumina ..... 6.43 per cent.

Phosphate, trace.

H. J. Drane, Lakeland, Fla.

**304.—Tank Water.**

Total solids: 5.2 parts per 100,000 parts; composed of zinc sulphate and organic matter, with trace of chlorine; unfit for drinking.

Wm. A. Holshouser, St. Petersburg, Fla.

**305.—Surface Soil.**

|                        |                 |
|------------------------|-----------------|
| Insoluble matter ..... | 90.42 per cent. |
| Phosphoric acid .....  | 0.084 per cent. |
| Potash .....           | 0.06 per cent.  |
| Ammonia .....          | 0.23 per cent.  |
| Lime .....             | 3.29 per cent.  |
| Iron and alumina ..... | 0.54 per cent.  |

F. D. Waite, Palmetto, Fla.

**306.—Sub-Soil No. 1.**

|                        |                 |
|------------------------|-----------------|
| Insoluble matter ..... | 94.53 per cent. |
| Phosphoric acid .....  | 0.13 per cent.  |
| Potash .....           | 0.09 per cent.  |
| Ammonia .....          | 0.13 per cent.  |
| Lime .....             | 0.57 per cent.  |
| Iron and alumina ..... | 1.26 per cent.  |

F. D. Waite, Palmetto, Fla.

**307.—Sub-Soil No. 2.**

|                           |                |
|---------------------------|----------------|
| Ammonia .....             | 0.38 per cent. |
| Otherwise similar to 306. |                |

F. D. Waite, Palmetto, Fla.

**308.—Muck Soil.**

Examined for Ammonia only.

|               |                |
|---------------|----------------|
| Ammonia ..... | 2.74 per cent. |
|---------------|----------------|

From Kissimmee, Fla.

**309.—Muck Soil.**

For Ammonia only.

|               |                |
|---------------|----------------|
| Ammonia ..... | 1.41 per cent. |
|---------------|----------------|

From Ormond, Fla.

**310.—Muck Soil.**

For Ammonia only.

|               |                |
|---------------|----------------|
| Ammonia ..... | 3.40 per cent. |
|---------------|----------------|

From Ft. Lauderdale.

## 311.—Muck Soil.

For Ammonia only.

Ammonia ..... 2.76 per cent.

From West Palm Beach.

## 312.—Muck Soil.

For Ammonia only.

Ammonia ..... 1.92 per cent.

From DeFuniak Springs.

## 313.—Muck Soil.

For Ammonia only.

Ammonia ..... 3.15 per cent.

From Dania, Fla.

## 314.—Bog Ore.

Iron oxide, clay and sand.

W. L. Dixon, Mascott, Fla.

## 315.—Bog Ore.

Iron oxide, clay and sand.

W. D. Sheppard, Irvine, Fla.

## 316.—Calcareous Marl.

Soft limestone; no phosphates.

S. H. Richmond, Cutler, Fla.

## 317.—Water examined for oil.

Ferrous oxide, trace.

No oil.

W. H. Johns, Jacksonville, Fla.

## 318.—Toilet Powder.

Zinc oxide ..... 85 per cent.

Kaolin ..... 5 per cent.

Starch ..... 10 per cent.

Mrs. Geo. Hunt, Argyle, Fla.

## 319.—Flint (Silica).

## 320.—Conglomerate, iron, clay, sand.

S. A. Fackler, Crystal River, Fla.

## 321.—Calcareous Mail.

Carbonate of lime, clay, sand.

State Chem. 4.

## 322.—Phosphate Nodules.

Lime, clay, sand, trace of phosphate.  
C. C. Mergan, Ft. Ogden, Fla.

## 323.—Silica—Muck Ashes.

Impure "Floridine," or inusonal earth (?).  
W. S. Blaidsdell, Victoria, Fla.

## 324.—Iron Pyrites, Sulphide of Iron.

J. Q. Carpenter, Pitts, Fla.

## 325.—Iron Pyrites, sulphide of iron.

Capt. Tom Sweet, Plant City, Fla.

## 326.—Blue Clay.

Impure fuller's earth, alumina, iron, oxide.

## 327.—Joint, or Pipe Clay.

Similar to 324, with streaks or lamina of fair  
quality of fuller's earth.

R. W. Starrs, DeFuniak Springs.

## 328.—Clay Soil.

|                         |       |           |
|-------------------------|-------|-----------|
| Insoluable matter ..... | 72.60 | per cent. |
| Phosphoric acid .....   | 0.027 | per cent. |
| Potash .....            | 0.31  | per cent. |
| Ammonia .....           | 0.071 | per cent. |
| Lime ..                 | 7.98  | per cent. |
| Iron and alumina .....  | 8.62  | per cent. |

## 329.—Sandy Soil.

|                         |       |           |
|-------------------------|-------|-----------|
| Insoluable matter ..... | 94.53 | per cent. |
| Phosphoric acid .....   | 0.009 | per cent. |
| Potash .....            | 0.11  | per cent. |
| Ammonia ..              | 0.107 | per cent. |
| Lime ..                 | 0.41  | per cent. |
| Iron and alumina .....  | 0.44  | per cent. |

E. B. Epps, Bradfordville, Fla.

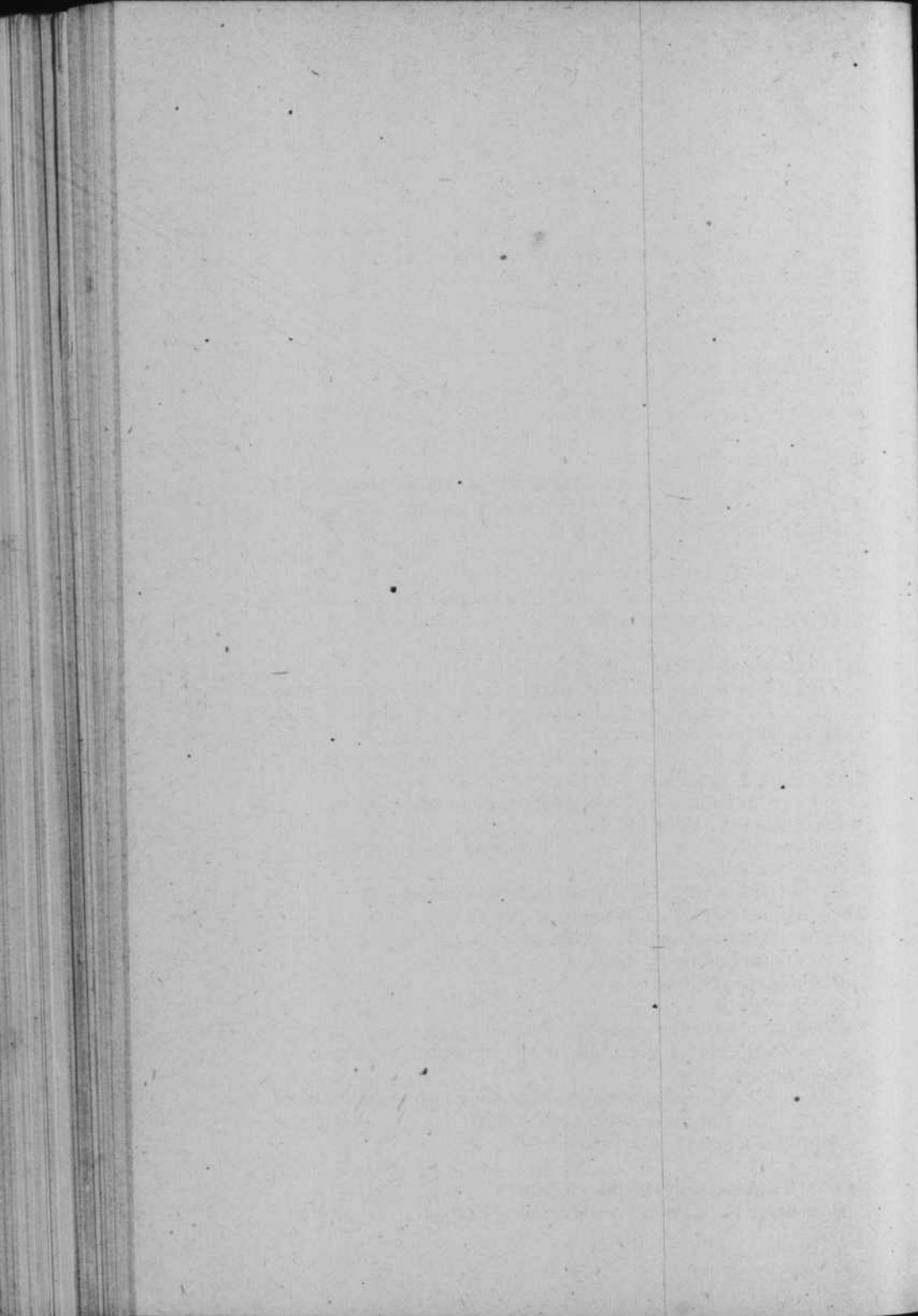
## 330.—Sand (silica).

Sand, with oxide of iron (no sulphur).  
John D. Philips, Bailey, Fla.

## 331.—Impure Carbonate of Lime.

Lime and clay, with trace of phosphatic.  
C. W. Annable, Dade City, Fla.

- 332.—Soft Limestone, Mail.  
Carbonte of lime, with clay and sand.
- 333.—Impure Oxide of Iron.  
Oxide of iron, clay and sand.  
C. H. Nugent, Ocala, Fla.
- 334.—Brown Ochre.  
Impure oxide of iron, clay and sand.  
Jas. A. Herrin, Braidentown, Fla.
- 335.—Impure Pyrites.  
Sulphide of iron, and sand, partly decomposed by  
oxidation.  
John D. Philips, Bailey, Fla.
- 336.—Iron Nodules, Bag Ore.  
Iron Oxide and sand; no phosphates.  
H. C. Bush, Hudson, Fla.
- 337.—Calcarious Soil, Marl.  
Carbonate of lime, clay, sand, with organic mat-  
ter (vegetable matter); no phosphates.  
R. H. Marks, Sanford, Fla.
- 338.—Soft Limestone, Marl.  
Carbonate of lime, and sand; no phosphates.  
L. L. Moody, Palatka, Fla.
- 339.—ellow Clay.  
Oxide of iron, alumina, and sand.
- 340.—Blue Clay, with limestone pebbles.  
Alumina, silica, oxide of iron.  
Carbonate of lime.  
J. P. Little, Sumner, Fla.
- 341.—Impure Fuller's Earth.  
Silicate of alumina, with carbonate of lime.
- 342.—Impure Tale.  
• Silicate of magnesia, silicate of lime, silicate of  
alumina, with iron oxide.  
John D. Blocker, Carrabelle, Fla.
- 343.—Graphite (crystalline carbon).  
Southern Fertilizer Co., Orlando, Fla.



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# **Prison Department**

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## STATE PRISON.

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The more one feels responsibility resting on him, the more interest will be manifested in any work he may engage in, hence my interest in this branch of official duty is more keenly felt than perhaps any other work under my supervision. That there are errors, defects and shortcomings in the conduct of the prison system I am aware, nor will it be otherwise so long as man's nature is such as to render it necessary to have prisoners. I have studied the work with care, and from time to time set in motion plans for improving the system as defects would present themselves. With the able counsel of the Board of Commissioners of State Institutions, the earnest efforts of the Supervisor, and the co-operation of the original lessees, we have been able to make more perfect the system, until now, at the end of my first four years service, I feel that *I know* the prisoners of the State, as a whole are in a better condition than at any time in the past, insofar as I have been able to gather information for comparison. It required a year to get matters fully in hand, when a new lease commenced. This change, from natural causes, brought confusion, discontent and restlessness among all prisoners. Only those who have done the work have any conception of the time, labor and mental tax that ensued for a year or more, until lessees who were directly handling the prisoners could learn their proper relationship to the State and the prisoner, as well as for the prisoner to recognize the fact that new conditions had not changed his responsibilities under the sentence of the court. It has been found necessary from time to time to abolish some camps, to discharge captains and guards, until most of those handling prisoners now, realize what the consequences are. I will state here, that no complaint from any source whatever has reached this department, but that it has at once been investigated and remedied, if found true. It is no more than just to say that the Florida Naval Stores and Commission Co., through Mr. W. F. Coachman, has never hesitated to

aid us in finding defects and promptly remedying same in any manner we might suggest. There has been no additional requirement calling for more expense to properly care for the prisoners, that they have not promptly enforced upon their sub-lessees.

I cannot do better than repeat what I have said before, that I recognize that my position calls not only for sympathy and gentleness, but to aid in carrying out the sentence of the court. The prisoner being debtor to society and the law, for having infringed upon the rules of both, he must pay the penalty in servile labor, first as a punishment, second as a means to work reformation. There is as great a diversity of character even among prisoners as we will find among men in the general walks of life. Some are stubborn, obstinate and bitter; others are gentle and readily succumb to kind treatment. Very few care to perform labor beyond what is strictly demanded of them.

The long night chain to which each prisoner was locked, has gone from our system. The common shackle, or ball and chain are seldom seen in the camp any more. Some obstinate incorrigibles are required to wear a light shackle until they exhibit a willingness to submit to regulations. I find the same conditions prevail among lessees as is seen with men who work free labor. Some men have better judgment, more tact, who can easily get the confidence of their men, which is necessary to successfully handle either free or prison labor. The best conducted camps, where the most attention is given for the comfort of the prisoners, is where the work returned is most satisfactory and more remunerative to the lessee. The class of sub-lessees now handling the prisoners; are generally men of business, generally regarded as honorable, upright citizens, not men from the lower strata of life with brutal passions, or wicked, cold and rigid hearts, but men of the character and stamp that we transact business with from day to day in the ordinary avocations of life. It requires time, thought and earnest effort for one who has never handled prisoners to get his duties properly adjusted. I cannot illustrate better than to quote from a very intelligent business man, who worked prisoners for a time under the present lease. The camp had not been up to the proper standard; this member of their firm assumed personal control as captain, or manager. When I visited this camp he stated: "This work is the toughest business pro-

position I have every tried to solve. I know I have learned a great deal and improved conditions much, yet I realize there is much more to learn." Observation and actual experience has taught me, it does not follow because a camp has unsatisfactory reports concerning it, that the sublessee is a bad man. Several causes may develop; he may be deceived in his manager or captain, or improper guards controlled by jealousies or revenge; sometimes it comes from meddling discontents in the immediate community; from either of these sources there may, and not infrequently does creep in, either imaginary or real evils which must be discovered before they can be remedied. The same conditions would prevail, let us work our prisoners where and however we may. From day to day, month to month and year to year, it is our constant watch and work to minimize these causes and effects as far as practicable. In this work, the continuous efforts of the supervisor are indispensable.

### PUNISHMENTS.

I find from close observation, that we have more punishments than ordinary at a camp where quite a few new recruits are sent up from the courts, and especially is this noticeable when they come from either of our larger cities. They have never learned the lesson of obedience, are indisposed to labor and are more insolent. For a time they disturb the temper of those who are working smoothly. Nothing but corporeal punishment, sometimes repeated and more severe, will have any effect on them. Some prisoners could bear severe punishment and never show the effects, while others with light punishment, will bear the marks plainly. It is seldom a prisoner receives more severe punishment than is merited. If such is found to be the case, the man inflicting it is at once removed. We require that but one man at any camp can inflict the punishment on a prisoner, and he is the captain of guards. We have the names of all such officers of guards on record in our office. Should he be absent for any cause, one man is selected in his stead to serve during his absence. To hold a position of this kind long, the man will have to exhibit some capacity to handle the business, or the lessee could not use him, hence we generally have men of good practical sense to administer punishment. This class of men receive from \$50 to \$150

per month, indicating that they are men of some merit and character.

### GUARDS.

This has been a perplexing problem in the prison work. We now have as complete a system as conditions will admit of. True we may be able to evolve improvements as experience gives us information for the future as in the past. Prior to the last three and a half years, this office had no record of who was guarding, when employed or discharged or for what cause, hence a discharged guard, who was wholly unfit for the service, could apply to guard at another camp remote from where discharged and impose himself on the management. Through the aid of the supervisor, advising this department, this evil was reduced considerably. I first issued an order to all lessees to hire no guard coming from another camp, who did not procure a written certificate from the manager of the camp he had left, that he was in good standing as a guard. The next step was to require all applicants to sign an oath, constituting them State guards, or police. From step to step we progressed until now we have the following guard application in printed form, which is sent to the supervisor and this office in duplicate; one is filed in this office, one returned to the guard, the name of the guard and place of guarding put on record in this office and if discharged for cause, we record the fact opposite his name, so that in future should he apply elsewhere we do not approve, but return the blank with an order to dismiss him promptly, if he cannot clear his record properly. I will take the space to here copy the full form to advise those who take an interest in prison matters, how we conduct this very important part of prison supervision.

#### APPLICATION FOR EMPLOYMENT AS GUARD OF STATE PRISONERS.

..... Fla., .....190.,  
STATE OF FLORIDA,  
.....County.

I,.....(name of Applicant), of.....  
County, in the State of Florida, do hereby apply to.....  
.....(name of employer) for employment as a Guard  
of State Prisoners under the provisions of the laws of

Florida, and do hereby state and represent in this behalf, that I am qualified to fill such position; that I have no relative or friend in the State prison, or other person, that I am interested in release of from the State prison; that I have guarded State prisoners for the following named lessees: .....

..... to whom reference is made for my service and personal conduct; that I am familiar with the law, rules and regulations enacted and prescribed by the management of State Prisoners and for the conduct, powers and duties of guards, and if employed will observe them.

.....  
(Applicant for Employment as Guard.)

STATE OF FLORIDA,  
..... County.

I, ....., do solemnly swear that I will support and defend the Constitution and Government of the United States and the State of Florida; that I am duly qualified to act as guard of State prisoners; that the statements and representations made in my application for employment are true; that I will observe the law, rules and regulations enacted and prescribed for the management and control of State prisoners and conduct of guards, and will well and faithfully perform the duties of guard of State prisoners on which I am now about to enter, so help me God.

Sworn to and subscribed before me this.....day of  
.....A. D. 190..

.....  
.....  
(Witnessing Officer.)

#### EMPLOYERS' REMARKS.

The Honorable Commissioner of Agriculture.

Tallahassee, Fla.:

Dear Sir—I hereby certify, on honor, that to the best of my belief and knowledge, all of the foregoing statements are correct; that I have personally questioned the said.....in regard to former employment, etc., and can find nothing in his past record that would debar him from fulfilling the duties of a guard; that I have examined him on each and every Rule and Regula-

tion for the guidance of managers of State Prisoners, and  
that he is familiar with each and all of them;.....  
..... (Employer or Captain to fill in.)  
(Signed) .....

(Leave This Sheet Blank.)  
**APPLICATION**  
for Appointment as  
**GUARD OF PRISONERS,**  
**FLORIDA STATE PRISON.**

Number.....  
Name .....,  
Employer .....,  
P. O. Address .....

**OFFICE OF**

.....  
Lessees Florida State Prisoners.

....., Fla.,  
....., 190...

Hon. Supervisor State Convicts,  
....., Fla.

Respectfully transmitted,

.....  
.....  
.....  
(Signed)..... Lessees.

This Application to be sent by Sub-Lessee to office of  
Lessee.

**APPOINTMENT.**  
Office of  
**SUPERVISOR STATE CONVICTS.**

....., Fla.  
....., 190...

.....  
Upon the within recommendations, you are hereby ap-  
pointed a guard of Florida State Convicts at the Camp of  
.....  
located at....., Fla. Said appointment  
to become effective on this date and to remain in full force  
Agrl. 20.

—until disapproved by the Hon. Commissioner of Agriculture—during the pleasure of your employer.

.....  
 .....  
 Supervisor State Convicts.

### INFORMATION FOR GUARDS.

Note—A guard discharged from the service at any camp need not apply for a position of like nature at any other camp, unless he can present a written recommendation from the Commissioner of Agriculture or Supervisor of State Prisoners, stating that the causes of his discharge having been investigated, he is eligible for appointment.

A guard having resigned or left the service for any cause, before submitting an application, to guard at another camp must have a written recommendation from previous employer.

Keep this paper for your own protection. Your number is placed at the top of this paper, and you are so recorded on all books connected with the guard system; and in applying for second appointment you must apply under said number, presenting this paper.

### INSTRUCTIONS TO SUB-LESSEES.

Any person connected with the Convict System of the State of Florida, authorized to employ guards must—before engaging the personal services of such person or persons as guards—thoroughly satisfy themselves that such applicant or applicants are of good moral habits, not addicted to the use of any kinds of stimulants; that they have no relatives in the State Prison nor other person in whose release they are interested; that applicant has never been discharged for unbecoming conduct at any other camp; and if so, that his actions have since been justified; that if he has been previously in the service that he has good recommendations, and that you are thoroughly convinced applicant is fully qualified to assume charge of State prisoners.

Office of  
COMMISSIONER OF AGRICULTURE.

Tallahassee, Fla.,

....., 190...

I have investigated record of No.....  
Mr....., and recommend that he  
.....reinstated as Guard of Florida  
State Prisoners.

.....  
Commissioner of Agriculture.

From the above, one readily sees that the State has as complete supervision of her guards as if she hired them and paid them out of the funds arising from prison hire, as is done in some States. In fact, we have more complete control than is in reality carried out in States where the State is supposed to hire and pay for the guards. In order to obtain a better class of men as guards, such as we have demanded should guard, the lessees pay from \$18 to \$25, with board and lodging, per month for day guards. There are but few \$18 men in the service that have been in sufficient time to learn the business and entitle them to guard wages. The State of Georgia is limited by statute to \$22.50 a month, without board. This of course will not and cannot procure capable guards. Since introducing this system, in June, 1903, we have handled in this office 946 guard applications, which has entailed on this branch of our work considerable clerical labor, nearly if not quite equaling the entire clerical work on the prison business prior to four years since. The guards,—trustworthy guards, competent guards, honest guards, firm but discreet guards, is THE problem in handling prisoners.

#### PRISONERS—HOW WORKED.

State prisoners are worked under the present lease on turpentine farms and phosphate mining. About 300 in the latter line of work, and 800 in the former. Both the turpentine and phosphate work is in the open air, as there is no tunnel or dark underground work such as there is in coal or iron mines in other States. The sunlight and air are never shut out. In this climate we could not find more healthful employment, as is verified by the attached

tables. True, it is work, and hard work, but such is the sentence of the court, and such it would be in any other avocation in which they might be engaged. Distributed as our prisoners are in their present labors, the opportunity for serious epidemics is reduced to the lowest point. Comparatively permanent barracks, with sleeping cell, dining hall, cooking department and sick wards, separate and well ventilated, renders the health and comfort of the prisoner much more certain than could possibly be given with temporary or portable cells for confinement, such as would be necessary to place State prisoners on our public roads. This might answer for short time men, but once we place the regular State prisoner to work in this way, we will soon find after one to three years, that our prisoners will die as if stricken by a plague. There is but one way to improve on the present system in this State, with splendid outdoor climate, and that is to place them on a plantation at a heavy expense to the tax-payers, in addition to depriving the people of the revenue now being derived from their hire, which reduces the necessary expense the criminal class is to the law-abiding citizen. To place the prisoners on the roads, in a penitentiary or on a plantation, would not remove any of the difficulties that lead up to improper treatment. Guards, captains and bad prisoners would still be the problem. There has not been a defect that could not have naturally occurred in any other line of work.

#### COUNTY PRISONERS.

I wish to state plainly that three-fourths of the reports relative to cruel and inhuman treatment of prisoners has originated in County convict camps and with County prisoners at State camps, over which this department has no control whatever. Any one who will go to the trouble to investigate, will note the broad difference in the camps, their equipment for comfort, the character of bedding, clothing and food. The State prison system has suffered much in reputation at the hands of County prison camps; the newspapers not drawing the distinction when discussing the subject, thus prejudicing the public mind, unintentionally, against the present system of handling State prisoners.

## REVENUE DERIVED.

From the best information obtainable, I must again insist that Florida derives more net revenue from the hire of her State-prisoners than any State in the South, or in the Union for that matter, when numbers are considered. The net revenue paid into the State Treasury for the last two years is as follows: For 1903, \$156,687.78, and for 1904, \$158,000.52. Total for the two years, \$314,688.30. The first year, 1901, of my term, was under the old lease for \$21,000 per annum. For the second year, 1902, the first year of the present lease, the State-Treasurer received \$138,588.75. Making a total for the three years now past under the present lease of \$453,277.05. This is the net cash covered into the State Treasury. This money is distributed to the different counties, according to their assessed valuation of property, which makes it of interest to a county to have its property assessed at something near its real value, as it derives greater revenue from the prison fund, and can therefore lower its millage for county expenses.

The people of the State have cause to congratulate themselves on the results, but I must state, as I have intimated before, we are treading on dangerous ground. Our people must not allow their minds and consciences to be warped into the idea of forcing revenue to defray governmental expenses out of the unfortunate criminal class. This class should labor, should be wealth-producers in or out of prison. As criminals, they have forced heavy expense upon the law-abiding, and should return, insofar as is a reasonable demand, a recompense by their labor. With Shylock, we may demand the pound of flesh and obtain it to our dishonor. Reasonable hire that can afford proper care and treatment, is humane, proper and honorable.

When estimating what other States receive, we should investigate the comforts given the prisoner, note the expense assumed on the part of the State, which comes out of the gross lease, inquire into the class only that are leased and the per capita loss when distributed over the large number who are not only bringing in no revenue, but are an actual expense.

Reverting to the idea of educating ourselves down to a plane where we would rest content, while prospering on blood money, I cannot but throw out a thought for future

consideration, when we as a people have advanced to a proper standard, our ideas of *true* humanitarianism. Not as the demagogue would play to the gallery, the fanatic urge, nor as those controlled by a sickly sentimentality, who would have us believe that the criminal classes are entitled to more care and humane consideration than the honest, industrious, law-abiding poor of our State. But emphasizing with more certainty, if possible, the idea that prisoners should labor, should be wealth producers, not only because it is the sentence of the law, but because they are citizens within our borders. And those who directly reap the fruits of their labor should pay a reasonable hire commensurate with proper care. But there is a question, as to what should be done with the proceeds of this labor which reaches above and beyond the *best* financial plan. Long before I had any connection with prison matters, while studying the question of penology, my mind was impressed with the idea that our system wholly overlooked an interested class. Think for a moment of the father, the elder son or only brother of an orphan family, violating the law of his State, for which he must spend years, if not his entire life, in the service of the State. The broken-hearted wife and her little ones, the lonely mother with small sisters and brothers, or the young sisters alone in the world, all left without a bread-winner; all absolutely innocent of any crime or offense against society or the rigid rules of law, yet for the offense of the husband, the son or the brother, the State, the good, humane, Christian people of the State, take from the innocent and helpless this only stay, and convert to its, or their own use, for revenue only, the proceeds of his life work. In all good conscience, I ask those who wail so vehemently for humane treatment out of one corner of their mouths, and demand so strenuously out of the other corner for more revenue, why have you not thought of the inhumanity placed upon the innocent? If we could reach a reasonable, equitable and just compromise with our sentiments and our greed, we would allow half of the hire we receive, to go as a satisfaction for the expense the criminal has forced on society, and the other half to the support of those dependent, homeless, heart-broken *innocents*, left to bear the *real* punishment and suffering. We have no right in good conscience and morals to any more. And as the wheels of true civilization move on, this principle will gain its proper footing. Some States today pay in

cash a bounty for good behavior that reaches up to \$100 a year for the long term men, and this is done where the States are at heavy expense to maintain their prisoners, and not, as in our State, where they are giving a strong cash balance into the Treasury, to reduce the millage on our taxable values. It would be truly refreshing to hear the would-be humanitarian crying aloud for the help of the innocent, as well as for the guilty offender. Connected with the prison work as I am, studying it as I do, working for the betterment of the system as I have for four long years, coming in contact with so many people, who have just as many different ideas of how the whole matter could be completely harmonized and made perfect, and learning by observation the real characters and motive powers that control, direct and force to action, some professed guardians of the prison class, guardians of the public morals, as well as its finances, when tired and worn from hours of mental labor along prison lines, (while such characters never gave the real subject an hour's honest thought), I cannot but whisper to my weary heart, Pharisee, Pharisee, get behind me, and out of my way, for I am busy at work, striving to be a betterment to the unfortunate.

#### THE PRISON FUND—HOW DISPOSED OF.

After deducting from the amount paid to the State Treasurer by the lessees, the sum appropriated by the Legislature to be paid from the funds arising from the hire of prisoners, and other statutory sums, such as salary of supervisor, the ten (\$10.00) dollars paid each discharged prisoner, and one hundred (\$100.00) dollars reward paid for the recapture of escapes, who were at large prior to the present lease, and other such matters of expense attached to the conduct of the business. The remainder is now distributed to the different counties of the State in proportion to their assessed property values, as sent to the Comptroller's office. These distributions are made quarterly. This has been in operation since July, 1903, under an Act of the Legislature, session of 1903. (See Laws of Florida, Chapter 5156.) Hence the Treasurer's records do not show the exact amount earned by the State prisoners, as some of these items are paid by the lessee company and the voucher presented for credit on the semi-annual settlements. It is proper to say in this connection that the payments from

the lessees are made quarterly in advance, estimated on the basis of the number on hand the first day of each quarter, and semi-annually a recasting of the accounts is made on the basis of actual time served.

For detailed information, showing the amount distributed to each county, I refer you to attached distribution tables.

#### METHODS IN USE TO OBTAIN INFORMATION AT THIS OFFICE.

Each month a report is made by each sub-lessee of the daily food diet in pounds and measures, indicating kind or character of the food, the number of garments for clothing, articles for bedding, number of punishments, number of lashes, etc. These reports are made up on printed forms sent out from this office. When filled out, they are sent to the supervisor who compiles them on printed forms from this department. Upon this blank, the supervisor gives the last date he was at the camp reported on, and any general remarks he may desire to make. These are collected in a neat, convenient form to inspect and make comparison as to the amount, variety and character of food furnished by different camps. At a glance, one accustomed to review these reports each month, (as I have done for each month since I have been in office), can observe a camp that is falling below a proper standard.

In addition, for two and a half years, I have requested what I term a *special* report by the supervisor in writing, on each camp he visits and each time he visits the camp, in which he indicates what he may find to be the condition of the camp, any recommendations made, and if they have been complied with. When information comes to me from any source, the supervisor is promptly advised to investigate closely for such defect when next at the camp. If the information indicates any serious matter that needs prompt attention, I wire him to proceed to the camp and search out the trouble, its cause, and to remove the cause. Once in nearly every sixty days, the supervisor visits my office when passing to the West, or going from the West East, where we can discuss conditions, remedies and needed changes for the best.

When my duties, which are so varied in kind and character, will admit of it, I go in person to the camps with the supervisor, that we may together compare the condi-

tions of the camps and prisoners. I recognize the prisoners' view of my power as an official of the State, and realize the fact that I must be very discreet, or I will be the cause of discontent, unrest and confusion after I have gone. Those who have never assumed the responsibility can form but little idea of what this means. It requires tact, and the exercise of one's very best judgment, to make the visit a benefit to the guards, the captains, the management, and the results of these effects to redound to the betterment of the prisoners' condition, and at the same time, leave the impression on the prisoner that he has duties that must be performed under the law.

That the prisoners may feel free to report to the supervisor his troubles, I try in every case to impress on them that he is their mediator, their legal guardian, and that on him I depend for information as to their treatment. To enter a camp of 100 criminals to hunt for a truth, one must be alert or he will do all injustice. I must depend on the supervisor for details to a great extent. By his frequent visits he learns to know the source from which complaints come, learns to know the captain in charge, the guards on duty, their general character and demeanor. I have learned long since that the way of the supervisor is hard and trying. Those who are hunting an easy job had better pass this one by. A camp cannot be infested with bad men to govern it long at a time; we are sure to find it out, and then it is an easy matter to settle. I find but one road out, so we simply clear the way at once.

I wish to emphasize a point I have sometimes referred to in the past. The idea that camps should be slipped upon by night or day, as if to catch a thief, is simply nonsense; there is nothing in such an idea that would ever raise the prison system above the most degrading character of slavery. Any man who is working honestly and energetically in the business, who cannot tell when a camp is normal or on dress parade, has not sense enough to handle the business. Endeavor to gain the confidence of the guards, the captains and lessees that they will respect your orders because they are right, have them to feel their business is an honorable one, that there is personal responsibility on each and every one, instill self-respect and pride, and you are building for time, a system that will stand, and not one to topple and fall as soon as your back is turned. When I find I have a sub-lessee or captain that I feel must be watched from behind a tree all day, I need

his room more than his work in the prison cause, and I take it. I never advise a management I am coming, nor do I slip around and hide from them. When you have to watch your clerk all day to keep him from pilfering your cash, don't you discharge him? If you go slipping around watching a good clerk by day and night, trying to catch him doing wrong, if he has sense enough to be worth having, he will regard you as a bad man yourself, have no confidence in or respect for you, and will leave you the first opportunity. Human nature is the same in prison work as outside of it.

#### PARDONS.

The number of new applications for pardon or commutation of sentence during the last two years has been 189. The number of pardons granted have been 81, as shown by the attached tables. Of this number, 17 were from the number on file as applicants prior to January, 1903. There has been 759 applications since 1899. For some three years the Pardoning Board has granted very few full pardons. They issue conditional pardons, which are much in the nature of paroles in use in other States, which system is growing in favor where used and will continue to grow as we advance. No prisoner has been granted even a conditional pardon until the most thorough investigation has been made of the facts and conditions surrounding the case. Any prisoner with a conditional pardon can be recommitted to serve out his sentence, upon proper proof of his bad conduct in society, being such as to justify his recommitment.

To impose a sentence by the court under the law is three fold. One is to punish the offender for disobedience of the rules of society (or the law); second, to furnish an example to the wayward and admonish them that "the way of the transgressor is hard;" third, and more especially is this the true motive that prompts civilized societies or communities, such as States, to inflict punishment; *the hope of reforming and making a better citizen out of him.* (To illustrate, I recommend reading the prison report from the State of West Virginia, and others I might suggest.) He is placed in prison to learn the lesson of obedience, submission and energetic effort, or labor. It does seem that some are of the opinion that prisoners are sent to prison to pay to the State a pecuniary value for the offense committed. Persons who never sat on a pardon-

ing board know nothing of the responsibility, and some seem to forget that members of a pardoning board are under oath to do what their judgments and consciences dictate to them is right and just. Our system of law is such that the judge is helpless to limit the term of years in many cases, where a verdict is rendered indicating a certain degree of guilt. The jury does not fix the time; the law does this, and in many cases they are ignorant of the time their verdict will carry. The Supreme Court seldom reverses on fact, if there is evidence in the case that the jury might believe and on it predicate a verdict. Often the prisoner is technically guilty and morally innocent. The pardoning board, or the pardoning power, is as essentially a part of our system as the jury or judiciary. It is not uncommon for the judge and prosecuting attorney and the jury who tried the prisoner to advise the board that the facts did not justify so long a term as the law enforced under the verdict, and request the board to modify the sentence. Often new facts develop not known at the trial; many times the poor offender has no counsel, knows not what to do, and under advice from some one that it will go easier to plead guilty, finds himself incarcerated for years, when he should have either been acquitted or had a short sentence. There are prisoners in our prison today that I am satisfied are innocent men, placed there by unscrupulous people who wished them out of the way, or to avoid being punished themselves, they concocted a plea to make a scape-goat of an innocent person.

When close observation for a long time demonstrates that a prisoner has reformed, he is a better man out of prison helping protect his innocent daughters from the vultures in human form that hover over the pathway of the innocent, unsuspecting girl. There are many prisoners today in prison who would make better citizens, and are more innocent of wilful crime than hundreds that walk our streets with bold arrogance and would condemn the exercise of the pardoning power by the State Board. When if they had their just dues, places would be exchanged with the prisoners, and but for the exercise of abundant mercy at the hands of the Omnipotent pardoning board, they would long since have been reaping their just reward in the sulphurous flames of the bottomless pit.

It would be well for some to look at the records of other States and learn that Florida is not as far advanced on the lines of pardons as she should be, to keep pace with

intelligent civilization. I will refer to Texas only, the State in advance of all other Southern States upon educational lines, and we find that this State of superior educational advantages showed in her last prison report some 300 cases that had received executive clemency, or fully ten per cent. of her prison population. God forbid that I shall ever see the day when I would not extend the pardoning hand to a prisoner, when my conscience and judgment dictate to me that it is his just right to receive it, because a wrong has been done him, or he has reformed and would make an industrious, honest citizen if free.

#### THE CENTRAL HOSPITAL.

On January 19th, 1903, this new departure in prison management was put in operation. It is now a well established fact that this institution meets a long needed want, and that it should remain as now established, a permanent fixture in connection with the prison life of Florida, must certainly be apparent to all who are at all familiar with prison conditions in the past. My idea has been, since the inception of the plan, that it should be a basis for the State to use, in the not distant future for building up a State farm, to support all the women, minors, indigents, or those not suited for regular heavy manual labor. And when all the prisoners are taken under service for the State, this could be one of, or a part of the State prison farms or farm. As members of the Board of Commissioners of State Institutions, Governor Jennings and myself discussed this idea more fully, and exchanged views more frequently than other members. To a great extent the plans for maintaining or managing the prisoners was deferred to myself as Commissioner, and I at all times had the advice and sanction of the Executive, which was at all times accepted by the other members of the Board as satisfactory, we giving the subject more time and care than others could be expected to give, it not being immediately in their line of official work. A permanent central hospital, eventually to be owned by the State, was the central thought and plan. As indicated in my last report, Mr. W. F. Coachman, of the Lessee Company, having seen that it was wholly impracticable to care for our invalid class, as should be, with the old methods, was found a ready listener to the suggestion and a most willing helper to alleviate, as far as possible, the unsatisfactory

situation of the weak and helpless. As a consequence, we point with some degree of pride to the practical result, when calling attention to the Central Hospital at Ocala, or, as the management more properly express it, the "Marion Farms." I can only hope for the future, that those who know nothing of the effort required to lift this burthen to a respectable plane, not only for the credit of our State before the world, but for the betterment of the disabled criminal class, will ponder long *before destroying that*, which means much more to the State in its original draft and present progress of construction, than a mere temporary hospital. If it is destroyed, I must conclude, that it would have been much better had I saved the pains and time; it would have been better had I stifled the hope that I might lay the foundation for something permanent and stable, for the people and the prisoners of our State.

Some thirty odd thousand dollars have been expended on this institution by the Naval Stores Company.

I have presented the plan, the foundation for the future edifice is laid. What will you do with it—complete the building, or toss it all aside as a worthless toy, unworthy the attention of intelligent thought?

For a detailed account of the work being done at this institution, I call attention to the report of the Supervisor of State Prisoners, Hon. N. A. Blitch, the tables hereto attached, and especial attention is directed to the very perfect report of the State Prison Physician, Dr. S. H. Blitch.

#### METHODS IN USE TO APPREHEND ESCAPES.

The tables giving specific detailed accounts of the individual prisoner will indicate the number of escapes apprehended for the two years, besides 54 that attempted to escape, and would have made good their effort but for the efficiency of the well trained bloodhounds aiding the quick and effective work of the system in operation, to say nothing of the unknown number that remain on account of their realizing the futility of an effort to escape. The trained bloodhounds at each camp, as now required, the double photo and description card that goes to at least 300 State and city officials, bearing the guarantee (\$100) reward by the original lessee company, the certainty that continuous annual hire will still rest upon the company permitting the escape, if proper care to hold is not clearly

proven, and due diligence exercised to apprehend is not put forth, all work together to minimize the escape roll as much as can reasonably be expected, when it is considered that our prisoners work in the open woods mostly, with no ball and chain or shackle to retard his effort to escape. This part of the work is a decided improvement on any we have had before in the State. The expense attached in its every detail is borne by the lessees.

### IS CRIME ON THE INCREASE?

For the year 1903 there were fewer long-time sentences than usual, and strange to say, the character of the prisoners from a physical point of view was materially below the average; from what cause I am unable to state. It is a fact that more prisoners were sent to what we call the chain gang, or county class, than usual. This is especially noticeable in the counties where our cities are located. I have often heard it stated that the present method of distributing the prison fund had much to do with this condition. I do not know and cannot understand how this could be, when the criminal law remained the same as before the present method of distribution. It is true we have had more prisoners in the State prison for the last two or three years than formerly, but our population is on the increase, and as explained in my last report, the rapid growth of the turpentine and lumber industries in Florida has caused an influx of a floating population that follow this class of work. From Georgia, Alabama and North Carolina, the turpentine and lumbermen have been followed by this undesirable and expensive class of people. By reference to the attached tables, giving the former home of the prisoner, this fact is established. One other cause for the increase is that the negro population is crowding into our cities and towns, leaving the quiet country home where industrial pursuits kept him from the evil effects of street loafers and the immoral dens of vice, which are fed from the idle class.

### THE SUPERVISOR OF PRISONERS AND STATE PHYSICIAN.

The present Supervisor, Hon. N. A. Blitch, is giving his time honestly and industriously to the arduous duties devolving upon him. Integrity and energy with intelligent

direction of effort are the essential qualifications for this position, together with physical constitution capable of enduring much hardship. All who know Senator Blitch will join me in saying these qualifications are well combined in him. I have found him ever ready to support any plan suggested, always willing to bear his part of the responsibilities and to relieve me insofar as possible the care of details. The Supervisor's Report gives full accounts as to the prison camps and all matters pertaining to the detail work. I most earnestly recommend it to be read, as it is made a part of this biennial report.

The State Physician, Dr. S. H. Blitch, is too well known as a physician and surgeon to need commendation at my hands that the people may know we have one fully qualified to handle emergencies in the line of his work. The State Physician was selected by the Commissioner of Agriculture and approved by the Board of Commissioners of State Institutions. The Florida Naval Stores and Commission Co. pay his salary to superintend the Central Hospital and to care for all prisoners placed in said institution. He passes on the physical condition of every prisoner allowed to enter the hospital, and when he says the prisoner is in condition to be returned to regular duty, he becomes at once a full time earning man. Those in the hospital do not work, except by his direction and consent.

This physician visits the concentration camp monthly, that he may examine the physical condition of all new prisoners before being distributed to isolated camps. At least once a year he visits all the camps of the State, going out from time to time when conditions at the hospital will permit. He keeps in touch with the sanitary conditions of all camps and the physical condition of the prisoners through other local physicians and reports from the Supervisor. At any time the State authorities deem it best, they direct the physician to visit one or all the camps of the State. The State supplements his salary for these services. The annual reports of the physician are made a part of this report and I recommend them for careful consideration, where you will find in detail a full account of the hospital work. The Supervisor and State Physician are two essentials for the proper conducting of any prison system. The valuable assistance this department receives at the hands of the State Physician places me under many obligations, and I might well state, the invalid, indigent

and diseased prisoners, as well as the good citizenship of the State, should feel grateful for his good services.

### OFFICE WORK.

The different subjects discussed in connection with the prison business will indicate to any one that the office branch cannot but be many fold heavier than under old methods, when conditions and numbers handled is considered. The system of quarterly advance payments with semi-annual recasting of accounts, the quarterly distribution to counties on basis of property valuations, the more than quadrupling the number of camps to keep in touch with, as well as increase in number of prisoners handled. The system of guard management now in operation, all from necessity, impose additional office work and more skill than under old methods was required. Yet \$100.00 a month to do this work and the heavy volume of fertilizer work is all that has been allowed, being the same as was paid when the two departments were placed under the supervision of this office. I hardly believe any one will regard this situation a just one. A State should pay as reasonable salaries for services rendered as business men do, no more and no less.

### CHAPLAINS AND LITERATURE FOR THE CAMPS.

The meagre sum of \$6.25 per quarter is not sufficient pay to defray the expenses of chaplains to visit some of our camps, situated remotely as they are. One sub-lessee company has supplemented the pay of the State, by paying as much as the State pays to aid a minister to preach to their prisoners. The prisoners and the people of the State are indebted to Rev. James Teeter, of Minneola, Florida, for having done more hard work, with practical results, to furnish the entire prison camps of the State with proper literature, than any other person or organization of persons in the State. As a result of his efforts, and the co-operation of this department, we now have at each camp a small bookcase filled with such books as are proper for prisoners to read. Too much cannot be said in praise of Mr. Teeter for his great interest in the prisoners. The State was at no expense except to pay actual cost of building the bookcases, numbering the books and the freight and express charges for delivering them to the

camps. I feel that the State should recompense Mr. Teeter to some extent for the time expended in this work. One hundred dollars would be but small compensation. This much should be paid him; he has presented no bill, but our self-respect demands that we do this much. Supervisor Blitch discusses more fully the chaplain matter in his report.

## TABLES OF PRISON STATISTICS.

You will find in immediate succession to the Supervisor's and State Physician's reports the tables of prison statistics. I commend them for detailed information concerning each class of prisoners. Immediately following these tables will be found the prison rules, as promulgated by the Board of Commissioners of State Institutions. I believe it proper to reprint this, as was done in my last report that more perfect information may be before the reader of what is required and enforced.

Agri. 21.

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## REPORT

Of Dr. S. H. Blitch, State Prison Physician, to  
Hon. B. E. McLin, Commissioner of Agriculture,  
Filed June 20, 1904.

Hon. B. E. McLin,  
Commissioner of Agriculture,  
Tallahassee, Fla.

DEAR SIR—I have the honor to submit the following report as State Physician during the year ending December 31, 1903, under order of the Board of Commissioners of State Institutions April 1, 1903. \* \* \*

In accordance with (said) authority I assumed the duties of State Prison Physician on April 1, 1903.

### GENERAL.

From April 1st to November 9th, 1903, bi-weekly professional visits in the interests of the State of Florida were made to the prison hospital located near Ocala, Fla.

From April 1st to December 31st, 1903, monthly professional visits were made to headquarters camp, or distributing point of newly arrived prisoners at Dunnellon, Fla.

From November 9th to December 6th, inclusive, I professionally visited every camp of State prisoners in the State of Florida.

From December 6th to December 31st, inclusive, bi-weekly trips to State Prison Hospital at Ocala were made.

During this period I have come in personal contact with, and in a general way instituted inquiries, and made examinations into the physical condition of 1,428 prisoners. All that were confined in the various places throughout the State of Florida during this period.

The visit to the several camps embraced in the period from November 9th to December 6th is in accordance with the intent of order of Board of State Institutions, and is my first annual visit. In view of the fact that the inauguration of State Prison Physician Bureau in the office of Commissioner of Agriculture is a radical departure from former methods in the prison system of the State of Florida, I made this trip principally to familiarize myself

with the work that is naturally to follow, and also made the same with a view to familiarize myself with the general conditions that obtain at the several camps. Therefore, the same cannot, at this time, be reported upon in detail, but only in a general way.

I have the honor to submit that the sanitary condition of the turpentine and phosphate camps distributed throughout Florida, operated under the lease system, are, in my professional opinion, in as good condition as existing circumstances will admit. There were a few camps at which changes, and cleansing looking toward the betterment of the general health of the prisoners under confinement was deemed advisable, and so instructed. I am pleased to be in a position to further advise that such changes have been made in so far as I have been able to determine without a return to these several stations.

The prisoners as a whole were in excellent physical condition. The pro rata of sick prisoners found on this inspection was so small that it is not deemed necessary to even go into any details in the matter. As an extenuation for my not detailing this transaction it will be only necessary to state that there was not a single prisoner under confinement at this time in the State Prison who had the symptoms of tuberculosis, and further that there were only two prisoners confined to quarters with malaria, the great common enemy of Florida. I cannot refrain from saying here that in my judgment such a condition is unparalleled in any institution of like kind in the world. I found a few prisoners who being partially disabled were still considered by the several contractors as capable of some work, and had therefore not been sent to hospital at Ocala. The disability of these prisoners apparently being chronic, I instructed that they be transferred to the hospital, and am pleased to say that in each instance such instructions were promptly carried out.

#### HEADQUARTERS CAMP.

In complying with detailed instructions contained in order of Board of Commissioners of State Institutions, I have visited the headquarters camp at Dunnellon, Fla., at the end of each succeeding month between April 1st, and December 31, 1903, with other trips there in the month during this period that it was deemed advisable, and have thoroughly examined the condition of each arrival of 377

State prisoners. I regret exceedingly to have to report of this number I have found it necessary to send to the prison hospital at Ocala 35 of said arrivals of this number of 377. This would indicate that these unfortunates that are monthly sent to State prison from the various courts in Florida have not received the proper attention. You will note by referring to record of prison transactions during 1903 that the greater part of the prisoners handled as disabls have been recruited from ranks of new arrivals. I would recommend that this matter receive immediate and prompt attention from the official whose duties it is to correct same, taking such steps that will look toward the betterment of the minor places of confinement within the State of Florida. IT HAS FURTHER BEEN MY OBSERVATION THAT PRISONERS RECEIVED AT HEADQUARTERS CAMP WERE IN NINE CASES OUT OF TEN IN SUCH A FILTHY, UNSANITARY AND DEBILITATED CONDITION THAT THEY WERE NOT FIT, WITHOUT THOROUGH RENOVATING AND REMOVAL OF VERMIN, TO COME IN CONTACT WITH THEIR FELLOW PRISONERS. I am perfectly willing, in line with my duties, to assist any authority to correct this existing condition of affairs, and point out suggestions to them wherein the same possibly could be corrected.

#### STATE PRISON HOSPITAL, OCALA, FLA.

As noted above, I have professionally, in the interest of the State, visited the State Prison Hospital, located near Ocala, Fla., bi-weekly, and in view of the fact that in addition to being State Prison Physician, I am also hospital surgeon in charge of this institution, it is unnecessary to state that the larger part of my professional life since the inauguration of the institution January 19, 1903, has been given to the care and restoration of the unfortunates confined at this point. Therefore, in submitting a report on the Hospital it will be necessary for me to report not only in the capacity of State Prison Physician, but also in the capacity of Hospital Surgeon.

During the year this institution has handled seventy-seven (77) prisoners, composed of the decrepit, chronic, and otherwise worn-out prisoners of the State Prison of Florida, whose wornout condition on arrival showed that

the treatment that they had received in years gone by had not been such as was due the State prison of Florida.

During the same period the Hospital has returned to the several camps, as able bodied, twenty-nine (29) of such prisoners received.

As my professional opinion I desire to state that at least 60 per cent. of the prisoners received at the Hospital during the year 1903 would have been a total loss to the State of Florida by the end of said year had they not received the benefit of hospital treatment.

The mortality at the hospital I have considered, in view of the advanced stages of the prisoners received, as remarkable, only having one death during the year, and this caused from an incurable malady, hemorrhagia apoplexy.

If the Honorable Commissioner of Agriculture desires a detailed report of the various cases treated, I will be pleased to submit them, but in view of the fact that I am making this report in a general way, and not detailing same, I have deemed it expedient not to specifically discuss the condition of treatment given each prisoner sent to the Prison Hospital.

The hospital, while considered ample to accommodate all prisoners at the time it was first inaugurated, has since become too small to meet the requirements and plans and specifications looking toward the enlargement of same are now on the way.

Ample arrangements have been made to properly isolate contagious and infectious diseases, and to separate the sexes as well as the colors, and while this institution is in its infancy and operated by private capital, I trust that the State may see its way clear, at some future date, to provide its own institution for the care and maintenance of its decrepit prisoners.

Yours very truly,

S. H. BLITCH,  
State Prison Physician.

OFFICE OF  
SUPERVISOR OF STATE CONVICTS,  
Ocala, Fla., December 31st, 1904.

Hon. B. E. McLin,  
Commissioner of Agriculture,  
Tallahassee, Fla.

SIR—I have the honor to submit herewith this, my report as Supervisor of State Convicts from October 28th, 1903, (date of my commission) to December 31st, 1904.

In the proper performance of my duties as supervising inspector of State convicts I have personally during the period mentioned above, visited each of the twenty-eight convict camps where State convicts are located every sixty days, or about seven times, and have seen, interviewed and otherwise been in close touch with each of the 1,587 individuals who during this period have constituted the population of the Florida State Prison.

I have also during this period personally enforced the authority of the law as pertains to the duties of Supervisor of State Convicts, and especially seen that each and every Rule and Regulation in regard to the care and maintenance of State convicts by contractors and such other suggestions and orders as have from time to time been advised by the Board of Commissioners of State Institutions and the Honorable Commissioner of Agriculture, has been complied with.

I take pleasure in reporting further that the standard set by the State for its prisoners has been carefully and cheerfully maintained by the several contractors, and that in every instance where an irregularity was apparent, the Lessee Company and their several contractors have promptly and without hesitation made the necessary corrections.

At the time of my entering upon my duties as Supervisor the State Convict Camps had, mainly through the efforts of the Honorable Commissioner of Agriculture, ably assisted by my predecessor, (but with one or two exceptions) already reached a high standard, and I take pleasure in now advising that the exceptions noted have taken rank with the best camps.

PRISON POPULATION.

On November 1, 1903, there were 1,071 prisoners under confinement in the Florida State Prison. Since that time

there have been 516 prisoners received from the several county jails, and 431 released by expiration of sentence, death, pardon, etc., making the entire population that has come under my supervision about 1,587.

### LOCATION.

These prisoners are distributed in 28 camps, extending from Escambia county (west) to the southern end of DeSoto county on the south, to Duval county on the north, and to Brevard county on the east, as follows:

| Contractor and Location.                      | Average No.<br>Prisoners. |
|-----------------------------------------------|---------------------------|
| P. H. Baker, Campville, Fla.....              | 23                        |
| Blount Turpentine Co., Rye, Fla.....          | 33                        |
| J. Buttgenbach & Co., Dunnellon, Fla.....     | 85                        |
| J. Buttgenbach & Co., Holder, Fla.....        | 85                        |
| Dutton Phosphate Co., Dutton, Fla.....        | 150                       |
| Fla. N. S. L. & C. Co., Wimauma, Fla.....     | 22                        |
| Hall & Bigham, Wildwood, Fla.....             | 47                        |
| Hall & Collier, Odessa, Fla.....              | 34                        |
| D. Holmes & Bro., Glen, Fla.....              | 35                        |
| Horne & Petteway, Gabriella, Fla.....         | 40                        |
| J. K. Larkins & Co., Center Park, Fla.....    | 30                        |
| Meldrim & Lewis, Minneola, Fla.....           | 35                        |
| Merritt, Powell & Co., Gardner, Fla.....      | 30                        |
| R. L. Milliner & Co., Caryville, Fla.....     | 25                        |
| W. B. Phifer, Abbott, Fla.....                | 30                        |
| J. R. Powell & Co., Rural, Fla.....           | 50                        |
| Pritchett Bros., Turnbull, Fla.....           | 45                        |
| Wm. Pritchett & Co., Titusville, Fla.....     | 50                        |
| J. D. Renfree, Mayo, Fla.....                 | 25                        |
| Shingler & Co., Indian Springs, Fla.....      | 40                        |
| R. G. Skinner, Hogan, Fla. (2 camps).....     | 75                        |
| M. W. Ulmer, Largo, Fla.....                  | 25                        |
| Varn Brothers, Cantonment, Fla.....           | 25                        |
| Varn Turpentine Co., Rye, Fla.....            | 25                        |
| J. W. Ward, Jr., & Co., Floral City, Fla..... | 45                        |
| Weeks Bros. & Co., Sagano, Fla.....           | 40                        |
| State Prison Hospital, Ocala, Fla.....        | 45                        |

In giving the location of the prison camps, I name the several postoffices; however, every camp is actually situ-

ated from two to fifteen miles away, in the center of the contractors' work.

In visiting each of these camps during the current year I have traveled about 18,000 miles by railroad and water, and about 2,000 miles by private conveyance. The mileage traveled also includes the special eight or nine trips made to camps outside of regular routine.

### EMPLOYMENT.

The division of convict labor at the several camps is about as follows:

|                                            |     |
|--------------------------------------------|-----|
| On turpentine works .....                  | 700 |
| On phosphate works .....                   | 310 |
| Cooking, washing and incidental work ..... | 95  |
| Not at service (disabled) .....            | 50  |

### BUILDINGS AND APPURTENANCES.

In compliance with standard stockade buildings or prison camps, I beg to submit that nearly every contractor now has his prisoners comfortably housed in the regulation "L"-shaped building, and the other stockades not of standard style have been with the approval of myself renovated, repaired and altered to meet requirements. The buildings are all frame, substantially built, windows and doors fully barred and locked, and the floors double and triple. Particular attention has been paid by me to sanitation and ventilation. All furnishings, including clean, neat beds, mattresses, pillows, sheets, pillow cases, covering and night shirts, kitchen and dining room ware, etc., as prescribed by the Board of Commissioners of State Institutions, have always been found by me to meet requirements fully, and in some of the camps the contractors have added thereto for the further comfort and care of their prisoners. The policing of the interior cells and grounds surrounding them is excellent at all of the camps, and a camp visited at any hour of the day or night and not found in perfect order and clean, has seldom been found during the current year.

## CLOTHING AND FOOD.

It is with pleasure that I am in a position to report that ample clothing has been supplied the prisoners by all contractors, and that all have been given good, wholesome food, and in addition to the regular ration as designated, very often extras are supplied. There is a good garden at most of the camps, and at those where they have no gardens (only one or two camps) green vegetables are purchased. All food is well prepared and thoroughly cooked and served in ample quantities.

## DEATHS.

I notice that the death rate during the current year has been somewhat higher than that of last year, there having been 29 deaths from all causes. However, 7 of these were violent, in attempts at escape, etc., and 9 were at the Ocala Prison Hospital.

I have carefully investigated the death of each prisoner that has occurred during my term of office and of those dying at the camps and the Prison Hospital the certificates of the several physicians will show conclusively that in no case could same have been avoided. A peculiar circumstance also in this connection is to be mentioned, that a large proportion of the death rate this year has been from the ranks of the "recruits" or latterly arrived prisoners, from diseases contracted prior to their arrival at prison headquarters. Said diseases in some instances not developing until after the prisoners had passed the rigid examination of the State Physician. Of the older inmates of the prison the death rate is much below 2 per cent., indicating that the prison has not been conducted adversely to the general health of its population.

## ESCAPES.

The prison population suffered a reduction by escapes during the current year to the extent of 35 individuals, with 11 recaptured. These have also been thoroughly investigated by me and it has been found after careful investigation that the parties under whom they were serving had in nearly every instance fully surrounded themselves with ample safeguards, and that by no possible chance could these escapes have been foreseen. This large num-

ber of escapes is due in a large measure to the "open woods" work on which the prisoners are at labor, and while thoroughly trained bloodhounds are kept for such emergencies at every camp, owing to the physical endurance of the convict himself, very often when he clears himself of the rifle fire of the woods guard he is able to distance the dogs until he receives other aid, and so gets clear. The contractors do not shackle or otherwise restrain their prisoners while at work, nor can any remedy to correct this danger be suggested. I have personally seen that the Lessee Company immediately following an escape has thoroughly advertised same to all police officers and others and has been active through the telegraph and their identification card with a photograph of the escape attached in trying to recapture.

#### HEALTH.

The health of the prisoners is excellent. I have never on any one tour of inspection in the whole number of camps found more than 5 or 6 prisoners unfit for service on account of temporary sickness, except, of course, at the Prison Hospital. I think this in a large measure is on account of the outdoor servitude at which the prisoners are employed.

#### GUARDS.

Through the system of guard employment now in force and which has been in operation long enough to prove its worth, I am pleased to state that the class of guard that has shown a disposition to be restless, inhumane or otherwise rough has been eliminated from the service, and the present management of the several camps and their corps of employes are gentlemanly, courteous and perfectly fair in their handling of the State prisoners. This has been a matter of great concern and has received a large part of my attention.

#### CHAPLAINS.

The majority of the camps are supplied with chaplains who hold regular service at regular periods at the several camps, but a few of the camps are so isolated that it has been found impossible to secure chaplains for such camps as the appropriation for this purpose is in many cases too small to meet actual expenses in this work. However, in

each camp there is found among the inmates one or several "preachers," who conduct regularly the religious service at these isolated camps.

### LITERATURE AND RECREATION.

Through the efforts of the Commissioner of Agriculture and those persons in this State interested in the work of reform, each camp is now supplied with a library, consisting of Bibles, refined reading matter, and wholesome and instructive pamphlets under the personal charge of a librarian designed as such, and whose duties are specific. I find that to a very large per cent. of the prisoners this reading matter is very acceptable, and as all camps now have regular periods for recreation and rest, it furnishes an opportunity to read such literature. This innovation (which is now well established) is an advance. In this connection I desire to express my admiration for the Rev. Mr. Teter, of Minneola, Fla., through whose untiring efforts these libraries have become possible.

### STATE PRISON HOSPITAL.

I have paid much attention to the institution established in January, 1903, through the efforts of the Governor of this State and the Honorable Commissioner of Agriculture—the State Prison Hospital and Farm. This institution, while owned and maintained by the Lessee Company and their contractors, is in every sense of the word a State institution. The State officers—Commissioner of Agriculture, State Prison Physician and Supervisor of State Convicts—dictate the actual details of its operation. Especially is this true of the State Prison Physician, who has been authorized by both the State officials and the Lessee Company to assume entire control. The establishment of the Prison Hospital at once raised the Florida Prison System into the rank of first class, and if any one could see the heartfelt expression of the disabled convicts when informed of their transfer to this place, they would not doubt that it is the highest step yet made, looking toward that standard of excellence other States have set us. A prison camp, no matter how well appointed, cannot possibly be expected to be supplied with the finer methods of surgical or medical treatment, and I know of a great many prisoners whose service have been

saved to the State (that otherwise would have been lost) by proper and timely treatment at this place. The contractors generally recognize the worth of this institution and very promptly send in all convicts who become seriously disabled either by accident or disease. Its worth from a point of humaneness cannot be estimated.

### CONCLUSION.

In submitting the above, it has not been deemed necessary to specifically set forth in detail the little irregularities as found from time to time, nor to detail investigations into deaths and escapes which have been specifically reported upon to you from time to time, and as indicated at the beginning of this report, my efforts have been largely exerted in the direction of maintaining the high standard already reached by the majority of the camps and building up those that were a little in bad repute.

In justice to the several managers of these camps I will say that in every instance where defects have been apparent, immediately upon calling their attention to same my suggestions were at once complied with. The prisoners in these camps demonstrate by their splendid physical condition, their appearance of contentment and cheerfulness that the efforts of the Board of State Institutions, speaking through the Honorable Commissioner of Agriculture and your humble assistant, together with concerted action of the Lessee Company and their contractors, have materially advanced the Florida Prison System.

Respectfully,

(Signed) N. A. BLITCH,  
Supervisor of State Convicts.

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OFFICE OF STATE PRISON PHYSICIAN,  
Ocala, Fla., December 31, 1904.

Hon. B. E. McLin,  
Commissioner of Agriculture,  
Tallahassee, Fla.

DEAR SIR—I have the honor to submit the following report for the year ending December 31, 1904.

## GENERAL.

On January 1, 1904, there were on hand at the several camps in the State of Florida and at the Ocala Hospital for Prisoners, 1,123 prisoners. Referring to my report of June 20, 1904, which relates entirely to the business transacted by this office during the year 1903, it will be found that the condition of the entire twenty-eight State prison camps at the end of 1904, through the efforts of the office of the Honorable Commissioner of Agriculture operating through the bureau of State Prison Physician and State Supervisor of Convicts, were in a highly satisfactory condition, and that the personal appearance of the convicts proved that the recent prison reforms had been successful to a remarkable extent.

It will also be found in said report that from April 1, 1903, to December 31, 1903, this office had been active in examining the entire prison population with the view of concentrating all those at the Ocala Hospital who were in need of hospital treatment. At the same time great care and attention was given to the sanitary arrangements at all camps, to the treatment and care of convicts from a medical point of view and to minor details of the camp life pertaining strictly to the duties of this office.

Having at the end of 1903 absolutely assured myself that the work of properly establishing the duties of my office with all contractors, and the prisoners, was well under way, and the new departure kindly and gratefully received by the several interests involved, the year just ending has been almost entirely devoted to supporting that accomplished in 1903. I have been in close touch with all the sub-lessees, and have at least once monthly either by personal visits of inspection, or personal conference kept record of the health, disabilities, etc., of the prison population.

I regret, however, to say that several of the camps visited by me in the early part of 1904 have not again had my personal inspection; but, however, have been subjects of my efforts by conference with the managers, reports from them about monthly, etc.

All camps reinspected by me during the current year have, where defects were first pointed out that would menace possibly the health of the prisoners under confinement there, received prompt attention and said defects remedied, which proves that the contractors are in sympathy with the work incident to this office.

The condition of the population generally from a health standpoint is very excellent, the reports from all camps throughout the State during the entire year ending, total about one-half of 1 per cent. of services lost through temporary sicknesses, rheumatism, malaria, dysentery, etc., and when it is considered that some 1,540 prisoners have been handled by the Florida State Prison during this period, the health rate is astounding. This, however, does not contemplate the days services reported lost by those prisoners who were sick in the Ocala Hospital.

There have been a few cases of measles at one or two of the camps in the State, but the managers of these camps acting upon my instructions promptly notifying me of same, immediate steps were taken to prevent epidemic conditions and the disease promptly stamped out. There have been no other contagious outbreaks in the State prison.

There have been 29 deaths in the State prison population during the year, all of which have been promptly submitted to me by the Lessee Company. Of this number 9 were considered from violent cause in attempt to escape, accidental, etc., and being subject to inquest by coroner's jury were not investigated by this office.

Of the remaining 20, all occurred at the turpentine and phosphate camps, divided about as follows: Three from sunstroke, 3 from dysentery, 1 from apoplexy, and 4 from fever. The remaining 9 deaths were at the Ocala Prison Hospital, and will be taken up in the Hospital report, following herewith.

The prisoners dying at the several camps from illness were in each case found to be too exhausted to make the trip to the Hospital and were treated at the several camps. Some of these cases I was in consultation on. But where the condition of the prisoner was not thought dangerous the local camp physician had entire charge. I shall give this matter the closest attention during the following year.

I beg further to advise that between the dates of October 11 to 23, 1904, inclusive, I was absent from the State in attendance at the National Prison Congress, in Quincy, Ill., in accordance with instructions of the Board of Commissioners of State Institutions, report of which follows under separate headings. During my absence the Hospital prisoners had the benefit of Dr. \_\_\_\_\_'s services whenever needed.

## HEADQUARTERS CAMP.

As contemplated in the order of the Board of Commissioners of State Institutions, I have once each month visited the Headquarters Camp at Dunnellon, Fla., and rigidly examined all of the new arrivals at this point (which includes the entire number committed by all courts in the State of Florida). In my report of 1903 I pointed out the unsatisfactory condition of these "recruits," and showed 35 of them having been sent to the Ocala Hospital for treatment between April 1 and December 31, 1903. I am pleased to inform you that during 1904 my examination of the 408 recruits received in the year developed only 12 prisoners to be sent to Ocala Hospital for medical treatment, and I must thank the proper authorities for promptly taking steps to correct the evils heretofore existing in the minor places of confinement.

I regret to have to inform you, however, that the class of prisoners received during 1904 has not averaged well from a labor standpoint, and that nearly 20 per cent. of those received, through some previous disability or lack of physical development could not and never will be able to perform even a small part of an average day's adult task. In all such cases I have pointed out these individuals to the contractors securing them and insisted on light employment, and insofar as I can learn the contractors have favored these unfortunates, giving them such work as water boys, drivers of wagons, washerwomen and washermen, housemaid and such kindred duties, that are consistent with their ability.

I am very much gratified at the earnestness of the managers of convicts to comply with the wishes of the State Authorities in all such matters, and must compliment them on same.

## STATE PRISON HOSPITAL, OCALA, FLA.

During 1904 my duties as Hospital Surgeon and State Prison Physician have required my headquarters at this institution, and the greater part of my professional time each week has been devoted to this place. On January 1, 1904, there were 48 prisoners under treatment here; during the entire year there has been admitted for all causes 49 prisoners and returned to camp, released by compe-

tent authority and died, 50 of the inmates. Divided as follows: Returned to camps as serviceable, 28; released, 14; died, 9.

Of the nine (9) deaths, 2 were the result of tuberculosis of the lungs, 1 from apoplexy, 2 from paralysis, 1 from empyema, 1 from extravagation of urine and 1 from cancer (female).

Of the ninety-one (91) other cases under treatment during the year 1904, 15 of same were surgical, and 76 from various causes, all as follows: Physical disabilities resulting from accidental injury, gun-shot, wounds, etc., 11 cases; 1 chronic dysentery, 1 amputation of the leg, 1 cancer, 1 tubercular ulcer, 6 paralysis, 17 chronic syphilitics, 1 chronic malaria, 1 elephantiasis, 2 nervous prostration, 5 chronic rheumatism, 1 empyema, effects of pleurisy; 2 fistula of bowels, 1 tubercular glands of the neck, 1 catarrhal dyspepsia, 3 locomotor-ataxia, 2 tubercular joints, 1 kidney affection, 1 hernia, 1 softening of bones, 1 fracture, 1 chronic liver trouble, 2 asmatic, 2 organic heart, 1 mental derangement, 1 gastritis, 1 appendicitis, 2 female trouble, 1 ulcer of eye, 1 apoplexy, 1 pregnancy, 1 dropsy, 1 cancer, 2 hydrocele; also held at hospital for unfitness otherwise, 3 blind and 3 decrepit.

Referring to the number of syphillitic cases, in no single instance has investigation proved that same was contracted after entrance to prison, but in all cases prior to incarceration. Of the number classed under physical disability, the majority of them were received from the minor places of confinement, suffering from effects of gun-shot wounds received in endeavoring to evade arrest. Those cases of paralysis and rheumatism, as a whole, were the result of a jail confinement (cellular.)

Commenting on the general management of the State Prison Hospital, by power invested in me through the Board of Commissioners of State Institutions and also that given me by the Lessee Company (The Florida Naval Stores and Commission Co.), I have absolute and free charge of each and every part of this institution; therefore in my duty to the State and that owed by virtue of my profession to humanity, I have endeavored to treat these unfortunates with the exact consideration that is the due of humans. At times there have been admitted patients to this institution by me, who, in my first diagnosis, no disturbance could be located that agreed with

the location of the trouble professed by the individual, thereby giving rise to the suspicion that they were "feigning" in order to abrogate their sentences of "hard labor." In all such cases I have felt it my duty to hold such persons for further observation, thus giving them the benefit of the doubt, and until such time as I should be able to locate the trouble as real, or prove it fancied. I have taken the responsibility of letting these persons presume as inmates. I am very glad, however, to say that such cases are few in number.

The Lessee Company have, during the year 1904, very much enlarged the Hospital buildings; have re-arranged the interior, and have furnished every facility deemed necessary by me for the proper handling of the inmates.

The Prison Hospital, after nearly two years' operation, has clearly demonstrated by the number of unserviceable prisoners returned to service, that its inception and inauguration was timely.

#### NATIONAL PRISON CONGRESS.

*General*.—In accordance with authority and by order of the Board of Commissioners of State Institutions, I have the honor to submit a report of my visit to the session of the National Prison Association, which was held October 15-20, 1904, at Quincy, Ill. It brought together an exceptionally large attendance and its meetings were full of interest and profit.

A varied program brought out the practical and the theoretical side of the Congress. The practical men represent those who have to deal directly with the prisoners and with problems of prison administration, and to assert that an intimate acquaintance with prisoners and methods of operating the varied systems of disposing of them successfully, alone qualifies one to intelligently discuss prison management, etc., can not be denied.

All the discussions were held on a higher plane than twenty years ago, or in any previous meeting, for that.

Though this is called a "National Congress," it had a distinctly international character. Several welcome guests from Canada; Ferrier, of Scotland Yard, London, contributed an excellent paper on "Finger Marks as a Means of Identification of Criminals." Mr. Inami, of

Japan, made an address in his own language, subsequently writing out his address in English. He was sent to this Association by Japan to make a special study of prison institutions and methods in the United States.

All the papers contained elements of encouragement.

"Finger Marks as a Means of Identification of Criminals" attracted much interest.

The Bertillon system, based on certain measurements of the head, arms, hands and feet, has supplanted all others in America, except the ridiculously inadequate method of identification by scars and marks in the navy and army.

Finger prints is not a new method—used for centuries as a feature of the passport system in China. Finger prints offer a positive means of identification.

The difficulty of proper classification has been entirely overcome and is now declared to be absolutely infallible. Used in India, in various English dependencies, also in the prison department of New York.

The indeterminate sentence, reformatory methods, and the parole system, were more widely discussed than all other subjects brought before the Congress, eliciting great interest.

A paper, the "Relation of the State to the Criminal," by Mr. Cox, was instructive. He declared that idleness in prison is the mother of insanity and insisted that the prisoner must labor. The paper by Prof. Henderson, of Chicago, on the "Results and Functions of Juvenile Courts," was the most interesting and able of the Congress. The paper demonstrated beyond question the value of such courts; however, it is needless to remark that it is not yet perfect in its method of administration, and there are many variations in law and practice in different States.

*The Prison Physicians' Association of the National Prison Congress* created a sensation when Dr. Henry Hatch read a paper entitled, "What to Do With the Criminal from a Medical Standpoint." He advocated the unsexing of criminals who gave evidence that they were at the mercy of their passions. He declared in favor of the courts being empowered to exterminate all degenerates and held that parents ought to be as careful and particular in raising their children as they are in breeding their stock.

"Defective Inmates of Penal Institutions" and "The Insane Criminal and His Treatment" were papers of value discussed by physicians alone.

Referring to the above convention and the topics taken up under the head of "General," I may perhaps be reporting upon matters that do not strictly pertain to the duties of State Prison Physician, but I deem it advisable to mention to you that in view of the fact that Florida did not send a representative to this Congress other than myself, I thought it advisable to take the responsibility of acting for the entire Prison System of the State, hence a detail of subjects discussed, which covers generally prison work, is herein placed before you. I feel very much gratified by being in a position to state that Florida in sending a representative to this convention, was brought very much to the front. As mentioned in my last report, I was honored with the vice presidency of the association, and at this convention was called upon to preside at all of the sessions of the National Prison Physicians' Association of the National Prison Congress. You will, of course, understand that it would be impossible for me to detail in full all papers, discussions, etc., of this convention; therefore, I have only outlined some of the most important ones. Contact with the physicians in attendance at this convention and the discussions I think have been a vast benefit to all of us in attendance, as I know that ideas received there, when put in force by me in the Florida Prison System, will work to advantage. I devoted my entire time to exchanging views of the several prison physicians, especially those who were sent as representatives from States that are as near on the same basis as the Florida Prison.

The report of this convention in full, including papers read and discussed thereon, will be sent to you as soon as received from the hands of the publishers.

I trust the above is satisfactory.

Respectfully,

S. H. BLITCH,  
State Prison Physician.

TABLE NO. 1.

|                                                                    |      |      |
|--------------------------------------------------------------------|------|------|
| Convicts on hand Jan. 1, 1903.....                                 | 1031 |      |
| Convicts convicted during year.....                                | 468  |      |
| Convicts discharged by expiration of sentence<br>during year ..... |      | 295  |
| Convicts pardoned during year.....                                 |      | 42   |
| Convicts died during year.....                                     |      | 18   |
| Convicts returned from Insane Asylum during<br>year .....          | 1    |      |
| Convicts committed to Asylum during year..                         |      | 5    |
| Convicts escaped during year .....                                 |      | 40   |
| Convicts recaptured during year.....                               | 23   |      |
| Convicts on hand Dec. 31, 1903.....                                |      | 1123 |
|                                                                    | 1523 | 1523 |

NOTE—By comparing the above table with the report for 1902, it will be noted that there is a difference of two (2) men reported on hand, there being reported 1033 December 31, 1902, and the above report (which is the correct one) shows 1031. This error occurred by delay of reports from camps the latter part of 1902.

TABLE NO. 2.

Giving nativity, sex and color of convicts committed during year of 1903:

|                            |            |
|----------------------------|------------|
| Alabama .....              | 26         |
| Connecticut .....          | 1          |
| Colorado .....             | 1          |
| Cuba .....                 | 3          |
| Canada .....               | 1          |
| District of Columbia ..... | 1          |
| East India Isles .....     | 2          |
| England .....              | 1          |
| Florida .....              | 191        |
| Georgia .....              | 111        |
| Germany .....              | 1          |
| Isthmus of Panama .....    | 1          |
| Indian Territory .....     | 2          |
| Ireland .....              | 1          |
| Illinois .....             | 1          |
| Jamaica .....              | 1          |
| Kentucky .....             | 3          |
| Louisiana .....            | 1          |
| Maryland .....             | 1          |
| Mississippi .....          | 3          |
| North Carolina .....       | 27         |
| New York .....             | 7          |
| Pennsylvania .....         | 2          |
| South Carolina .....       | 51         |
| Tennessee .....            | 2          |
| Texas .....                | 3          |
| Virginia .....             | 18         |
| West India Isles .....     | 5          |
| <b>Total</b> .....         | <b>468</b> |
| Natives .....              | 452        |
| Foreigners .....           | 16         |
| <b>Total</b> .....         | <b>468</b> |
| Colored females .....      | 19         |
| White males .....          | 61         |
| Colored males .....        | 388        |
| <b>Total</b> .....         | <b>468</b> |

TABLE NO. 3.

Crimes for which sentenced during year 1903:

|                                                                  |    |
|------------------------------------------------------------------|----|
| Assault to commit manslaughter.....                              | 2  |
| Assault to commit murder.....                                    | 37 |
| Arson .....                                                      | 3  |
| Aiding prisoners to escape .....                                 | 1  |
| Assault to rape .....                                            | 4  |
| Accessory to murder .....                                        | 1  |
| Assault to commit a felony.....                                  | 2  |
| Breaking and entering to commit a felony.....                    | 45 |
| Breaking and entering .....                                      | 32 |
| Burglary .....                                                   | 22 |
| Breaking and entering to commit a misdemeanor....                | 32 |
| Bigamy .....                                                     | 8  |
| Crime against nature .....                                       | 3  |
| Common thief .....                                               | 1  |
| Entering to commit a misdemeanor.....                            | 32 |
| Embezzlement .....                                               | 2  |
| Entering .....                                                   | 3  |
| Forgery .....                                                    | 7  |
| Grand larceny .....                                              | 59 |
| Keeping gambling house .....                                     | 3  |
| Highway robbery .....                                            | 1  |
| Larceny of a domestic animal.....                                | 23 |
| Larceny of over \$20.00.....                                     | 2  |
| Larceny .....                                                    | 10 |
| Larceny (second) .....                                           | 12 |
| Living in state of adultery .....                                | 1  |
| Lewd and lascivious cohabitation.....                            | 1  |
| Murder .....                                                     | 50 |
| Manslaughter .....                                               | 19 |
| Maliciously and wantonly throwing into a railroad<br>train ..... | 1  |
| Obtaining money by false pretense.....                           | 5  |
| Obstructing railroad track .....                                 | 1  |
| Perjury .....                                                    | 5  |
| Petit larceny .....                                              | 1  |
| Poisoning drink to injure .....                                  | 1  |
| Receiving stolen goods .....                                     | 3  |
| Rape .....                                                       | 2  |
| Robbery .....                                                    | 19 |
| Resisting officer .....                                          | 5  |

TABLE No. 3—Continued.

|                                     |            |
|-------------------------------------|------------|
| Shooting into passenger train ..... | 1          |
| Uttering forged instrument.....     | 6          |
| Total .....                         | <u>468</u> |

TABLE NO. 4.

Term of imprisonment of convicts committed during  
year 1903:

|                                  |            |
|----------------------------------|------------|
| Three months .....               | 3          |
| Four months .....                | 1          |
| Five months .....                | 1          |
| Six months .....                 | 21         |
| Seven months .....               | 1          |
| Eight months .....               | 24         |
| Nine months .....                | 2          |
| One year .....                   | 81         |
| One year and sixty days .....    | 2          |
| One year and eight months .....  | 1          |
| One year and six months .....    | 14         |
| Two years .....                  | 76         |
| Two years and sixty days .....   | 3          |
| Two years and six months .....   | 3          |
| Three years .....                | 62         |
| Three years and sixty days ..... | 2          |
| Four years .....                 | 11         |
| Five years .....                 | 54         |
| Five years and sixty days .....  | 1          |
| Five years and four months ..... | 1          |
| Five years and six months .....  | 1          |
| Six years .....                  | 2          |
| Six years and six months .....   | 1          |
| Seven years .....                | 7          |
| Seven years and six months ..... | 1          |
| Eight years .....                | 3          |
| Ten years .....                  | 21         |
| Eleven years .....               | 1          |
| Fourteen years .....             | 1          |
| Fifteen years .....              | 13         |
| Twenty years .....               | 14         |
| Twenty-three years .....         | 2          |
| Life .....                       | 37         |
| <b>Total .....</b>               | <b>468</b> |

TABLE NO. 5.

Age of prisoners committed during 1903:

|                          |    |
|--------------------------|----|
| Twelve years .....       | 2  |
| Thirteen years .....     | 1  |
| Fourteen years .....     | 4  |
| Fifteen years .....      | 9  |
| Sixteen years .....      | 9  |
| Seventeen years .....    | 22 |
| Eighteen years .....     | 26 |
| Nineteen years .....     | 26 |
| Twenty years .....       | 26 |
| Twenty-one years .....   | 28 |
| Twenty-two years .....   | 30 |
| Twenty-three years ..... | 38 |
| Twenty-four years .....  | 24 |
| Twenty-five years .....  | 29 |
| Twenty-six years .....   | 19 |
| Twenty-seven years ..... | 24 |
| Twenty-eight years ..... | 22 |
| Twenty-nine years .....  | 16 |
| Thirty years .....       | 22 |
| Thirty-one years .....   | 5  |
| Thirty-two years .....   | 12 |
| Thirty-three years ..... | 6  |
| Thirty-four years .....  | 3  |
| Thirty-five years .....  | 8  |
| Thirty-six years .....   | 8  |
| Thirty-seven years ..... | 4  |
| Thirty-eight years ..... | 7  |
| Thirty-nine years .....  | 1  |
| Forty years .....        | 9  |
| Forty-one years .....    | 3  |
| Forty-two years .....    | 1  |
| Forty-three years .....  | 4  |
| Forty-four years .....   | 3  |
| Forty-five years .....   | 3  |
| Forty-six years .....    | 1  |
| Forty-eight years .....  | 3  |
| Fifty years .....        | 1  |
| Fifty-four years .....   | 3  |
| Fifty-five years .....   | 1  |
| Fifty-six years .....    | 1  |
| Sixty years .....        | 1  |

TABLE No. 5—Continued.

|                         |     |
|-------------------------|-----|
| Sixty-five years .....  | 2   |
| Sixty-nine years .....  | 1   |
| Seventy-six years ..... | 1   |
| <hr/>                   |     |
| Total .....             | 468 |

## PARDONED DURING YEAR 1903.

| Name.               | Co or. | Crime.                             | Term.            | Sentenced.     |                | Pardoned.             |
|---------------------|--------|------------------------------------|------------------|----------------|----------------|-----------------------|
|                     |        |                                    |                  | When.          | County Where.  |                       |
| Brown, Andrew....   | White. | Robbery .....                      | Three years ..   | Aug. 15, 1901  | Dade .....     | Feb 15, 1903          |
| Bass, Dan U.....    | White  | Murder.....                        | Life.....        | June 2, 1882.. | LaFayette ..   | Oct 12, 1903          |
| * Clemmons, Dook .. | Black. | Murder .....                       | Life.....        | Apr 26, 1902   | Levy .....     | Apr 1, 1903           |
| Carter, Henry.....  | White. | Grand larceny .....                | Five years. .... | Mch 8, 1901    | Lee .....      | Apr. 23, 1903         |
| Ferrell, T. B ..... | White. | Bigamy .....                       | Three years....  | May 5, 1903    | Walton .....   | July 4, 1903          |
| Floyd, J. P .....   | White. | Murder ..                          | Twenty years..   | Nov 18, 1899   | Jefferson ..   | Aug 6 1903            |
| Green Henry .....   | Black. | Manslaughter .....                 | Five years ..    | Nov. 22, 1901. | Wakulla ..     | Nov. 10, 1903         |
| Green, Casper ..... | Black. | Manslaughter .....                 | Five years ..    | Nov 22, 1901.  | Wakulla ..     | Nov. 10, 1903         |
| Hood, D. C.....     | White. | Incest .....                       | Ten years .....  | Oct. 18, 1901  | Bradford ...   | Apr 23, 1903          |
| Huger, Steve .....  | Black. | Breaking and entering .....        | One year .....   | Sept 1, 1902   | Duval .....    | May 1, 1903           |
| Holt, Silas .....   | Black. | Murder.....                        | Life .....       | June 7, 1896   | Columbia ....  | May 30 1903           |
| Higgs, Milton ..... | Black  | Murder.....                        | Life .....       | Mch. 29, 1895  | Pasco .....    | June 6, 1903          |
| Howard, John .....  | White. | Second larceny ..                  | Three years ..   | Apr. 14, 1903. | Duval .....    | July 20, 1903         |
| Jones, Wm.....      | Black. | Uttering a forgery.....            | Three years ...  | May 22, 1902   | Suwannee ..... | Sept 3, 1903          |
| Jackson, Landy..... | Black. | Assault to murder.....             | Five years ....  | Feb. 28, 1903  | Dade .....     | Paroled Dec. 21, 1903 |
| † King, Eli .....   | Black. | Assault to murder.....             | Ten years.....   | Apr. 12, 1895  | Nassau .....   | Jan. 7 1903           |
| Kennard, G T.....   | White. | Murder ..                          | Twenty years..   | Nov 26, 1900   | Alachua .....  | May 21, 1903          |
| Kite, David. ....   | White. | Breaking and entering .....        | Six months ..    | Nov 13, 1903   | Bradford ....  | Dec 21, 1903          |
| Lee, John, Sr.....  | Black. | Arson .....                        | One year .....   | Nov 28, 1903   | Hernando ..    | Dec 14, 1903          |
| Lee, John, Jr.....  | Black  | Arson ..                           | Three months ..  | Nov. 28, 1903  | Hernando ..    | Dec. 14, 1903         |
| Lennox, Julia.....  | Black. | Uttering a forged instrument ..... | Three years....  | Dec. 17, 1902. | Holmes.....    | Paroled Feb 6 1903    |

TABLE NO. 8.—Continued.  
 PARDONED DURING THE YEAR 1903.

| Name.                   | Color  | Crime.                               | Term.                         | Sentenced.      |                 | Pardoned.                 |
|-------------------------|--------|--------------------------------------|-------------------------------|-----------------|-----------------|---------------------------|
|                         |        |                                      |                               | When.           | County Where.   |                           |
| Lester, Richard .....   | Black  | Manslaughter .....                   | Fifteen years..               | Oct. 26, 1888.. | Gadsden .....   | Feb. 11, 1903             |
| Lang, George .....      | Black. | Breaking and entering .....          | Ten years .....               | Oct. 27, 1897.  | Duval .....     | April 23, 1903            |
| Morrison, Billy .....   | White. | Murder .....                         | Life .....                    | May 23, 1900    | Holmes .....    | May 27, 1903              |
| Moses, J. G. ....       | White. | Murder .....                         | Life .....                    | June 10, 1898.  | Duval .....     | June 8, 1903              |
| Medberry, Philip .....  | White. | Second larceny .....                 | Five years .....              | Apr. 14, 1903.  | Duval .....     | July 20, 1903             |
| Mathis, Luther .....    | White. | Accessory to murder .....            | Twenty years..                | Sept. 9, 1902.  | Hamilton .....  | July 22, 1903             |
| Mobley, Jim .....       | Black. | Assault to murder .....              | Three years .....             | Feb. 1, 1902.   | Hamilton .....  | Oct. 12, 1903             |
| McDonald, Angus .....   | White. | False pretense .....                 | Two years and<br>sixty days.. | Oct. 16, 1903.  | Walton .....    | Dec. 14, 1903             |
| Parkman, C. W. ....     | White. | Murder .....                         | Life .....                    | Feb. 1, 1897    | Hillsboro ..... | Feb. 6, 1903              |
| Pope, Warren .....      | Black. | Murder .....                         | Life .....                    | Nov. 30, 1894   | Jackson .....   | May 1, 1903               |
| Pender, Ella .....      | Black. | Manslaughter .....                   | Five years .....              | June 25, 1902.  | Jackson .....   | Paroled Sept.<br>7, 1903. |
| Parry, J. R. ....       | White. | Receiving stolen goods .....         | Three years &<br>six months   | Oct. 31, 1901.  | Duval .....     | Oct. 31, 1903             |
| Oliveros, G. F. ....    | White. | Grand larceny .....                  | Fifteen years..               | Dec. 13, 1901   | Volusia .....   | Dec. 7, 1903              |
| Reynolds, Early .....   | White. | Murder .....                         | Seven years..                 | Nov. 4, 1899.   | Holmes .....    | May 27, 1903              |
| Roughton, J. J. ....    | White. | Uttering a forged instrument .....   | Two years .....               | May 18, 1903.   | Holmes .....    | Oct. 31, 1903             |
| Sigsbee, W. A. ....     | White. | Embezzlement .....                   | Five years .....              | Dec. 28, 1900.  | Alachua .....   | May 26, 1903              |
| Sizemore, Cleveland.    | White. | Breaking and entering .....          | One year .....                | May 18, 1903.   | Holmes .....    | Aug. 22, 1903             |
| White, Eli .....        | Black. | Assault to murder .....              | Twelve years..                | Jan. 29, 1898.  | Escambia .....  | Feb. 15, 1903             |
| Whichard, Charles ..... | White. | Murder .....                         | Life .....                    | Nov. 5, 1898    | Calhoun .....   | June 1, 1903              |
| Wade, Thomas .....      | White. | Assault to commit manslaughter ..... | Five years .....              | Oct. 11, 1902.  | Taylor .....    | Aug. 5, 1903              |
| Williams, G. W. ....    | Black. | Murder .....                         | Life .....                    | Nov. 23, 1895.  | Volusia .....   | Sept. 4, 1903             |

\* Paroled February 15, 1903 Died April 13, 1903.

† Was released on conditional pardon and has been re-committed for violation of conditions.

TABLE NO. 7.  
ESCAPED DURING YEAR 1903.

349

| Name.               | Age. | Color. | Crime.                                   | Term.    | Sentenced.     |               | Escaped.       |
|---------------------|------|--------|------------------------------------------|----------|----------------|---------------|----------------|
|                     |      |        |                                          |          | When.          | County Where. |                |
| *Anderson, Richard. | 19   | Black. | Burglary                                 | 5 years  | Mch. 28, 1902  | Marion        | Oct. 19, 1903  |
| †Brown, Davis       | 20   | Black. | Assault to murder                        | 10 years | Oct. 5, 1901   | Pasco         | April 13, 1903 |
| Cowan, W. D.        | 27   | White  | Assault to murder                        | 20 years | Feb. 28, 1903  | Dade          | June 12, 1903  |
| David, John         | 17   | Black. | Larceny                                  | 3 years  | April 15, 1902 | Duval         | June 11, 1903  |
| Eastman, Dave       | 25   | Black. | Murder                                   | Life     | Feb. 10, 1902  | Escambia      | Oct. 27, 1903  |
| Frazier, James      | 17   | Black. | Assault to murder                        | 5 years  | Feb. 28, 1903  | Dade          | April 14, 1903 |
| Gross, Will         | 19   | Black. | Burglary                                 | 7 years  | June 20, 1902  | Hillsborough  | Jan. 25, 1903  |
| Griffin, George     | 29   | Black. | Larceny                                  | 5 years  | April 28, 1903 | Duval         | Oct. 10, 1903  |
| Graham, Wm.         | 23   | Black. | Murder                                   | Life     | Jan. 18, 1903  | Citrus        | Dec. 13, 1903  |
| Harrison, James     | 18   | Black. | Entering to commit misdemeanor           | 1 year   | Aug. 26, 1902  | Duval         | Mch. 23, 1903  |
| Hoper, John         | 24   | Black. | Resisting an officer                     | 2 years  | April 24, 1903 | Nassau        | May 20, 1903   |
| Henderson, Jesse    | 23   | Black. | Breaking and entering                    | 6 months | April 24, 1903 | Nassau        | July 28, 1903  |
| Hill, Reuben        | 26   | Black. | Breaking and entering                    | 3 years  | May 11, 1903   | Suwannee      | Nov. 7, 1903   |
| Hadley, Kid         | 23   | Black. | Breaking and entering to commit a felony | 3 years  | April 16, 1903 | Putnam        | Dec. 13, 1903  |
| Jackson, John       | 17   | Black. | Breaking and entering and larceny        | 10 years | May 1, 1902    | St. Johns     | July 20, 1903  |
| Jackson, Andrew     | 17   | Black. | Burglary                                 | 4 years  | Sept. 21, 1903 | Hillsborough  | Oct. 20, 1903  |
| Jacobs, Aaron       | 28   | Black. | Murder                                   | Life     | Feb. 28, 1903  | Dade          | Oct. 13, 1903  |
| Lovett, Dave        | 31   | Black. | Murder                                   | Life     | Dec. 7, 1894   | Duval         | June 16, 1903  |
| Montgomery, Henry   | 19   | Black  | Grand Larceny                            | 3 years  | Oct. 21, 1902  | Marion        | Jan. 25, 1903  |
| Mary Hayes          | 20   | Black  | Entering to commit felony                | 2 years  | July 20, 1903  | Hillsborough  | Oct. 19, 1903  |

\* Escaped January 25, 1903. Recaptured Oct. 2, 1903, and again escaped Oct. 19, 1903.

† Escaped from Insane Asylum.

TABLE No. 7.—Continued.  
ESCAPED DURING YEAR 1903.

| Name.                    | Age. | Color | Crime.                                                | Term.         | Sentenced.     |                   | Escaped.       |
|--------------------------|------|-------|-------------------------------------------------------|---------------|----------------|-------------------|----------------|
|                          |      |       |                                                       |               | When.          | County.<br>Where. |                |
| McDaniel, Ivey.....      | 22   | Black | Breaking and entering to<br>commit a felony.....      | 5 years.....  | May 18, 1903   | Volusia.....      | Sept. 8, 1903. |
| Owers, Lewis.....        | 30   | Black | Robbery.....                                          | 5 years.....  | Feb. 21, 1903. | Dade.....         | Nov. 7, 1903   |
| Porter, Will.....        | 20   | Black | Larceny.....                                          | 4 years.....  | Feb. 9, 1903.  | Escambia.....     | April 21, 1903 |
| Smith, John.....         | 24   | White | Grand larceny.....                                    | 5 years.....  | Dec. 12, 1902. | Suwannee.....     | Jan. 30, 1903  |
| Solomon, Sol.....        | 30   | Black | Breaking and entering to<br>commit a felony.....      | 3 years.....  | Nov. 22, 1902  | Jefferson.....    | Aug. 6, 1903   |
| Sallage, Bobby.....      | 17   | Black | Breaking and entering.....                            | 10 years..... | Nov. 8, 1902   | Nassau.....       | Sept. 11, 1903 |
| Sherman, Isham.....      | 29   | Black | Murder.....                                           | 10 years..... | May 23, 1903.  | Bayard.....       | Sept. 18, 1903 |
| Sirmans, Mack.....       | 29   | Black | Assault to rape.....                                  | 30 years..... | Feb. 1, 1902.  | Hamilton.....     | Oct. 19, 1903  |
| Squires, Benjamin F..... | 44   | White | Larceny.....                                          | 5 years.....  | Nov. 26, 1900. | Putnam.....       | Nov. 6, 1903   |
| Thomas, Wm.....          | 26   | Black | Larceny of a horse.....                               | 5 years.....  | April 6, 1903. | Gadsden.....      | June 9, 1903   |
| Tention, Oscar.....      | 28   | Black | Second larceny.....                                   | 10 years..... | Feb. 12, 1901  | Duval.....        | Aug. 28, 1903  |
| Thornton, Charles.....   | 20   | Black | Highway robbery.....                                  | 5 years.....  | July 14, 1903  | Orange.....       | Dec. 13, 1903  |
| Williams, Joe.....       | 24   | Black | Assault to rape.....                                  | 5 years.....  | May 23, 1903   | Alachua.....      | Jan. 25, 1903  |
| Watson Arthur.....       | 16   | Black | Grand larceny.....                                    | 3 years.....  | Aug. 30, 1902. | Hamilton.....     | May 20, 1903   |
| Wilson, Henry.....       | 19   | Black | Breaking and entering to<br>commit a misdemeanor..... | 9 months..... | May 19, 1903   | Escambia.....     | June 11, 1903  |
| Wiles, Russell.....      | 20   | Black | Breaking and entering to<br>commit a felony.....      | 3 years.....  | May 19, 1903   | Escambia.....     | June 23, 1903  |
| West, James.....         | 14   | Black | Burglary.....                                         | 5 years.....  | Jan. 8, 1902.  | Citrus.....       | Aug. 11, 1903  |
| Williams, Butler.....    | 26   | Black | Murder.....                                           | 7 years.....  | Nov. 10, 1902  | Holmes.....       | Aug. 31, 1903  |
| Williams, George.....    | 27   | Black | Robbery.....                                          | 5 years.....  | Oct. 21, 1902  | Marion.....       | Nov. 7, 1903   |
| Young, S. D.....         | 26   | Black | Forgery.....                                          | 2 years.....  | Aug. 28, 1902  | Hillsborough..... | May 20, 1903   |

TABLE No 8.

351

DIED DURING YEAR 1903.

| Name                   | Color | Crime                    | Term      | Sentenced      |               | Died            | Disease or Cause                  |
|------------------------|-------|--------------------------|-----------|----------------|---------------|-----------------|-----------------------------------|
|                        |       |                          |           | When           | County Where  |                 |                                   |
| Booker, Garey ...      | Black | Manslaughter.....        | 20 years. | Aug. 29, 1899. | Duval.....    | Jan. 18, 1903.  | Pulmonary Tuberculosis            |
| Butler, Nero .....     | Black | Uttering a forgery.....  | 3 years.. | Dec. 10, 1902  | Suwannee .... | Mch. 1, 1903    | Consumption                       |
| Brown, Wm.....         | Black | Burglary.....            | 14 years. | Feb. 9, 1903   | Escambia .... | May 22, 1903    | Killed in at-<br>te'p' to es'ape  |
| Clemmons Dock.         | Black | Murder.....              | Life..... | April 26, 1892 | Levy          | April 13, 1903. | Died while on<br>parole.....      |
| Coleman, Eddie..       | Black | Assault to murder.....   | 15 years. | June 30, 1903  | Duval.....    | Sept. 5, 1903.  | Congestion<br>of brain.....       |
| Evans, Ed.....         | Black | Uttering a forgery.....  | 7 years.. | Oct. 12, 1899  | Volusia.....  | Aug. 25, 1903.  | Hemorrhage<br>of lungs.....       |
| Green, W. C. ....      | Black | Murder.....              | 15 years. | Dec. 31, 1900  | Escambia .... | Sept. 22, 1903. | Inflammation<br>of bowels....     |
| Gainey, Jim.....       | Black | Murder.....              | Life..... | Nov. 22, 1901  | Wakulla.....  | Nov. 2, 1903.   | Killed fall'g<br>into mine....    |
| Hicks, Wm.....         | Black | Murder.....              | Life..... | April 24, 1888 | Escambia .... | April 20, 1903  | Apoplexy....                      |
| No. 1—Hammond,<br>Jake | Black | Murder.....              | Life..... | Aug. 30, 1889  | Volusia ..... | Sept. 24, 1903. | Killed by offi-<br>cers Cairo, Ga |
| Miller, Peter.....     | Black | Larceny.....             | 1 year... | Nov. 28, 1902  | Levy.....     | Jan. 15, 1903.  | Lung & bowel<br>trouble.....      |
| Mason, Ike.....        | Black | Receiving stolen goods.. | 5 years.. | April 13, 1900 | Duval.....    | June 2, 1903    | Hydrothorax                       |
| Mitchell, Morris..     | Black | Larceny.....             | 1 year... | Nov. 26, 1902  | Levy.....     | Sept. 17, 1903  | Pulmonary<br>Tuberculosis.        |

TABLE No. 8.—Continued.

DIED DURING YEAR 1903.

| Name                | Color | Crime                                         | Term     | Sentenced      |              | Died            | Disease or Cause            |
|---------------------|-------|-----------------------------------------------|----------|----------------|--------------|-----------------|-----------------------------|
|                     |       |                                               |          | When           | County Where |                 |                             |
| Nickerson, Sherman  | Black | Breaking and entering to commit a misdemeanor | 2 years  | May 1, 1903    | Walton       | July 31, 1903.  | Died in Asylum              |
| Scott, Solomon      | Black | Assault to murder                             | 1 year   | Nov. 13, 1902  | Monroe       | April 25, 1903. | Heart Failure               |
| Stephens, Robt.     | Black | Poisoning drink                               | 2 years  | May 25, 1903.  | Lee          | June 16, 1903.  | Apoplexy                    |
| Suggs, Heywood      | Black | Carnal knowledge of female under 18 years     | 10 years | Dec 10, 1902   | Brevard      | July 10, 1903.  | Acute indigestion           |
| Shannon, Tom        | Black | Murder                                        | Life     | May 29, 1897.  | Marion       | Aug. 18, 1903.  | Killed by falling into mine |
| St. Hill, John      | Black | Second larceny                                | 8 years  | Oct. 25, 1899. | Duval        | Sept. 16, 1903. | Killed in attempt to escape |
| Smith, Henrietta    | Black | Grand larceny                                 | 3 years  | April 4, 1903  | Escambia     | Aug. 9, 1903.   | Died in Asylum              |
| No. 2 Vickers, Geo. | Black | Breaking and entering                         | 5 years  | Dec. 6, 1898.  | Leon         | Mch. 13, 1903.  | Drowned                     |
| York, Henry         | Black | Assault to murder                             | 12 years | Nov. 20, 1900  | Suwannee     | Aug. 28, 1903.  | Acute indigestion           |

Notes. No. 1—Jake Hammond escaped July 24, 1900. Resisted arrest at Cairo, Ga., and was killed by officers. Hammond was in the act of shooting an officer when he received the fatal wound.  
 No. 2—Fell off dredge into river and drowned.

## RECAPTURED DURING YEAR 1903.

April 23.

| Name                   | Crime                                                  | Term          | Sentence d     |                | Escaped        | Recaptured      |
|------------------------|--------------------------------------------------------|---------------|----------------|----------------|----------------|-----------------|
|                        |                                                        |               | When           | County Where   |                |                 |
| Aiken, John.....       | Breaking and entering.....                             | 34 years..... | Oct. 28, 1902  | Daval.....     | D c. 29, 1902  | Jan. 2, 1903.   |
| Allen, Will.....       | Grand larceny.....                                     | 2 years.....  | S p. 23, 1901  | E-cambia.....  | Aug. 5, 1902   | Feb. 17, 1903.  |
| Anderson, Richard..... | Burglary.....                                          | 5 years.....  | Mch. 28, 1902  | Marion.....    | Jan. 25, 1903  | Oct. 2, 1903.   |
| Clark, Chas.....       | Breaking and entering.....                             | 10 years..... | Oct. 21, 1902  | Pasco.....     | D c. 29, 1902  | Jan. 1, 1903.   |
| Cook, David.....       | Larceny.....                                           | 5 years.....  | June 5, 1902   | Dade.....      | Aug. 12, 1902  | Mch. 7, 1903.   |
| Chandler, Arthur.....  | Burglary.....                                          | 2 years.....  | Nov. 15, 1902  | Putnam.....    | Dec. 13, 1902  | June 20, 1903.  |
| Gross, Will.....       | Burglary.....                                          | 7 years.....  | Jan. 20, 1902  | Holtsboro..... | Jan. 25, 1903  | Jan. 30, 1903.  |
| Jackson, Andrew.....   | Murder.....                                            | Life.....     | Oct. 24, 1902  | Pasco.....     | Dec. 19, 1902  | Jan. 1, 1903.   |
| James, Alex.....       | Robbery.....                                           | 5 years.....  | April 16, 1902 | Clay.....      | May 19, 1902   | Feb. 19, 1903.  |
| Jacob, Aaron.....      | Murder.....                                            | Life.....     | Feb. 28, 1903  | Dade.....      | Oct. 13, 1903  | Oct. 17, 1903.  |
| Johnson, Fred.....     | Entering to commit a misdemeanor.....                  | 4 years.....  | Sept. 3, 1902  | Daval.....     | Oct. 31, 1902  | Nov. 27, 1903.  |
| Jackson, John.....     | Breaking and entering.....                             | 10 years..... | May 1, 1902    | St. Johns..... | July 20, 1903  | Oct. 14, 1903.  |
| Mitchell, Geo.....     | Assault to murder.....                                 | 10 years..... | Oct. 23, 1902  | Pasco.....     | Dec. 29, 1902  | Jan. 1, 1903.   |
| Montgomery, Henry..... | Grand larceny.....                                     | 3 years.....  | Oct. 21, 1902  | Marion.....    | Jan. 25, 1903  | Oct. 1, 1903.   |
| Pinckney, Morris.....  | Robbery.....                                           | 12 years..... | Oct. 22, 1894  | Clay.....      | Dec. 13, 1902  | June 1, 1903.   |
| Shiver, Wuburn.....    | Fraudulently changing marks and brands of animals..... | 2 years.....  | Nov. 20, 1899  | Oceola.....    | Feb. 17, 1901  | July 14, 1903.  |
| Sillage, Bobby.....    | Breaking and entering.....                             | 10 years..... | Nov. 8, 1902   | Nassau.....    | Sept. 11, 1903 | Sept. 20, 1903. |
| Thomas, Jack.....      | Breaking and entering.....                             | 24 years..... | Oct. 28, 1902  | Daval.....     | D c. 19, 1902  | Jan. 1, 1903.   |
| Thomas, William.....   | Larceny of a horse.....                                | 5 years.....  | April 6, 1903  | Gadsden.....   | June 9, 1903   | Oct. 30, 1903.  |
| Williams, Austin.....  | Assault to murder.....                                 | 20 years..... | Nov. 12, 1896  | Lee.....       | Aug. 8, 1898   | April 4, 1903.  |
| Wiles, Russell.....    | Breaking and entering.....                             | 3 years.....  | May 19, 1903   | E-cambia.....  | June 23, 1903  | July 1, 1903.   |
| West, James.....       | Burglary.....                                          | 5 years.....  | Jan. 8, 1902   | Citrus.....    | Aug. 11, 1903  | Dec. 11, 1903.  |
| Thomas, Will.....      | Breaking and entering.....                             | 5 years.....  | Aug. 15, 1899  | Daval.....     | Aug. 26, 1900  | July 7, 1904.   |

TABLE NO. 10.

## GENERAL STATEMENT FOR 1903.

|                                | Jan.      | Feb.      | Mch       | Aprl.     | May.      | June      | July      | Aug       | Sept.     | Oct.      | Nov.      | Dec.      | Totals.      |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| On hand January 1st, 1903..... |           |           |           |           |           |           |           |           |           |           |           |           | 1,031        |
| Commitments.....               | 26        | 19        | 46        | 49        | 55        | 17        | 22        | 27        | 16        | 82        | 59        | 50        | 468          |
| Recaptures.....                | 6         | 2         | 1         | 1         | 0         | 2         | 3         | 0         | 1         | 5         | 1         | 1         | 23           |
| Returned from asylum.....      | 0         | 0         | 0         | 1         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 1            |
| <b>Totals.....</b>             | <b>32</b> | <b>21</b> | <b>47</b> | <b>51</b> | <b>55</b> | <b>19</b> | <b>25</b> | <b>27</b> | <b>17</b> | <b>87</b> | <b>60</b> | <b>51</b> | <b>1,523</b> |
|                                | Jan.      | Feb       | Mch       | Apr       | May.      | June      | July      | Aug       | Sept      | Oct.      | Nov.      | Dec.      | Totals.      |
| Discharges.....                | 28        | 27        | 25        | 17        | 31        | 24        | 21        | 33        | 28        | 18        | 23        | 18        | 295          |
| Escapes.....                   | 5         | 0         | 1         | 2         | 3         | 6         | 2         | 4         | 3         | 7         | 4         | 3         | 40           |
| Pardons.....                   | 1         | 5         | 0         | 4         | 7         | 3         | 4         | 3         | 3         | 2         | 4         | 6         | 42           |
| Deaths.....                    | 2         | 0         | 2         | 2         | 1         | 2         | 2         | 2         | 4         | 0         | 1         | 0         | 18           |
| Committed to asylum.....       | 1         | 0         | 0         | 0         | 0         | 2         | 1         | 1         | 0         | 0         | 0         | 0         | 5            |
| <b>Totals.....</b>             | <b>37</b> | <b>32</b> | <b>28</b> | <b>27</b> | <b>42</b> | <b>37</b> | <b>30</b> | <b>43</b> | <b>38</b> | <b>27</b> | <b>32</b> | <b>27</b> | <b>400</b>   |

1,523—Total number of prisoners in.

400—Total number of prisoners out.

1,123—Total number of prisoners on hand January 1st, 1904.

Distribution of the Convict Fund May 1, 1903, under  
Section 11, Chapter 4324, Laws of Florida.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 2,137.51 |
| Baker .....        | 6.50        |
| Bradford .....     | 890.09      |
| Brevard .....      | 1,316.29    |
| Calhoun .....      | 246.88      |
| Citrus .....       | 1,289.00    |
| Columbia .....     | 2,311.63    |
| Clay .....         | 869.30      |
| Dade .....         | 3,055.36    |
| DeSoto .....       | 435.30      |
| Duval .....        | 17,397.66   |
| Escambia .....     | 6,403.83    |
| Franklin .....     | 585.12      |
| Gadsden .....      | 1,487.81    |
| Hamilton .....     | 1,715.21    |
| Hernando .....     | 435.30      |
| Hillsborough ..... | 4,515.41    |
| Holmes .....       | 728.05      |
| Jackson .....      | 2,806.70    |
| Jefferson .....    | 906.98      |
| Leon .....         | 3,585.04    |
| Lake .....         | 1,407.64    |
| Levy .....         | 764.05      |
| LaFayette .....    | 467.78      |
| Lee .....          | 184.51      |
| Liberty .....      | 171.13      |
| Marion .....       | 2,904.16    |
| Manatee .....      | 306.66      |
| Madison .....      | 1,174.66    |
| Monroe .....       | 1,158.67    |
| Nassau .....       | 1,351.37    |
| Orange .....       | 809.52      |
| Osceola .....      | 422.30      |
| Putnam .....       | 2,431.18    |
| Polk .....         | 1,247.42    |
| Pasco .....        | 1,041.60    |
| Santa Rosa .....   | 389.82      |
| St. Johns .....    | 1,581.37    |
| Sumter .....       | 835.90      |
| Suwannee .....     | 2,847.89    |
| Taylor .....       | 389.82      |

## Distribution of the Convict Fund—Continued.

|                  |                    |
|------------------|--------------------|
| Volusia .....    | 3,185.74           |
| Wakulla .....    | 545.75             |
| Washington ..... | 588.63             |
| Walton .....     | 666.59             |
| Total .....      | <u>\$79,999.13</u> |

Distribution of the Convict Fund to the several counties  
in the State of Florida, for the quarter  
ending September 30, 1903.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 1,669.60 |
| Baker .....        | 299.20      |
| Bradford .....     | 690.40      |
| Brevard .....      | 1,027.20    |
| Calhoun .....      | 302.00      |
| Clay .....         | 408.40      |
| Columbia .....     | 804.80      |
| Citrus .....       | 465.60      |
| Dade .....         | 1,229.60    |
| DeSoto .....       | 1,062.40    |
| Duval .....        | 3,882.00    |
| Escambia .....     | 2,274.40    |
| Franklin .....     | 348.80      |
| Gadsden .....      | 437.60      |
| Hamilton .....     | 536.80      |
| Hernando .....     | 390.00      |
| Hillsborough ..... | 3,200.00    |
| Holmes .....       | 287.20      |
| Jackson .....      | 810.00      |
| Jefferson .....    | 617.20      |
| LaFayette .....    | 360.00      |
| Lake .....         | 838.80      |
| Lee .....          | 728.80      |
| Leon .....         | 909.60      |
| Levy .....         | 612.40      |
| Liberty .....      | 209.60      |
| Madison .....      | 739.20      |
| Manatee .....      | 762.40      |
| Marion .....       | 1,538.00    |
| Monroe .....       | 685.60      |
| Nassau .....       | 776.80      |
| Orange .....       | 1,366.40    |
| Osceola .....      | 555.60      |
| Pasco .....        | 518.00      |
| Polk .....         | 1,498.00    |
| Putnam .....       | 1,023.60    |
| Santa Rosa .....   | 721.60      |
| St. Johns .....    | 1,035.20    |
| Sumter .....       | 496.00      |
| Suwannee .....     | 724.00      |
| Taylor .....       | 389.60      |

Distribution of Convict Fund for Quarter Ending September 30, 1903—Continued.

|                  |                    |
|------------------|--------------------|
| Volusia .....    | 1,294.40           |
| Wakulla .....    | 229.20             |
| Walton .....     | 611.60             |
| Washington ..... | 632.40             |
| Total .....      | <u>\$40,000.00</u> |

Distribution of the Convict Fund to the several counties  
in the State of Florida, for the quarter  
ending December 31, 1903.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 1,669.60 |
| Baker .....        | 299.20      |
| Bradford .....     | 690.40      |
| Brevard .....      | 1,027.20    |
| Calhoun .....      | 302.00      |
| Clay .....         | 408.40      |
| Columbia .....     | 804.80      |
| Citrus .....       | 465.60      |
| Dade .....         | 1,229.60    |
| DeSoto .....       | 1,062.40    |
| Duval .....        | 3,882.00    |
| Escambia .....     | 2,274.40    |
| Franklin .....     | 348.80      |
| Gadsden .....      | 437.60      |
| Hamilton .....     | 536.80      |
| Hernando .....     | 390.00      |
| Hillsborough ..... | 3,200.00    |
| Holmes .....       | 287.20      |
| Jackson .....      | 810.00      |
| Jefferson .....    | 617.20      |
| LaFayette .....    | 360.00      |
| Lake .....         | 838.80      |
| Lee .....          | 728.80      |
| Leon .....         | 909.60      |
| Levy .....         | 612.40      |
| Liberty .....      | 209.60      |
| Madison .....      | 739.20      |
| Manatee .....      | 762.40      |
| Marion .....       | 1,538.00    |
| Monroe .....       | 685.60      |
| Nassau .....       | 776.80      |
| Orange .....       | 1,366.40    |
| Osceola .....      | 555.60      |
| Pasco .....        | 518.00      |
| Polk .....         | 1,498.00    |
| Putnam .....       | 1,023.60    |
| Santa Rosa .....   | 721.60      |
| St. Johns .....    | 1,035.20    |
| Sumter .....       | 496.00      |
| Suwannee .....     | 724.00      |
| Taylor .....       | 389.60      |

|                  |             |
|------------------|-------------|
| Volusia .....    | 1,294.40    |
| Wakulla .....    | 229.20      |
| Walton .....     | 611.60      |
| Washington ..... | 632.40      |
| <hr/>            |             |
| Total .....      | \$40,000.00 |

## 1904.

TABLE NO. 1.

|                                                                    |       |       |
|--------------------------------------------------------------------|-------|-------|
| Convicts on hand January 1, 1904.....                              | 1123  |       |
| Convicts committed during year.....                                | 407   |       |
| Convicts discharged by expiration of sentence<br>during year ..... |       | 266   |
| Convicts died during year .....                                    |       | 29    |
| Convicts returned from Insane Asylum during<br>year .....          | 2     |       |
| Convicts committed to Asylum during year...                        |       | 1     |
| Convicts escaped during year .....                                 |       | 35    |
| Convicts recaptured during year.....                               | 11    |       |
| Convicts pardoned .....                                            |       | 38    |
| Convicts discharged by order Court.....                            |       | 1     |
| Convicts returned by order Court.....                              | 1     |       |
| Convicts paroled .....                                             |       | 2     |
| Convicts parole recalled .....                                     | 1     |       |
| Convicts under conditional pardon returned<br>during year .....    | 1     |       |
| Convicts on hand December 31, 1904.....                            |       | 1174  |
|                                                                    | <hr/> | <hr/> |
|                                                                    | 1546  | 1546  |

NOTE—Prisoner sent to Asylum escaped from Asylum October 18, 1904, and was recaptured October 21, 1904. Prisoner whose conditional pardon was revoked May 16, 1904, was issued January 6, 1903.

TABLE NO. 2.

Showing nativity, sex and color of convicts committed during year 1904:

|                      |     |
|----------------------|-----|
| Florida .....        | 164 |
| Georgia .....        | 103 |
| Tennessee .....      | 7   |
| Louisiana .....      | 2   |
| South Carolina ..... | 49  |
| North Carolina ..... | 15  |
| Alabama .....        | 23  |
| Virginia .....       | 15  |
| Jamaica, W. I. ....  | 1   |
| Arkansas .....       | 3   |
| Ohio .....           | 1   |
| New York .....       | 2   |
| Illinois .....       | 1   |
| Bahamas .....        | 1   |
| West Virginia .....  | 1   |
| Kentucky .....       | 4   |
| Africa .....         | 1   |
| Missouri .....       | 1   |
| Mississippi .....    | 3   |
| West Indies .....    | 1   |
| Pennsylvania .....   | 1   |
| Delaware .....       | 1   |
| Greece .....         | 1   |
| Cuba .....           | 1   |
| Connecticut .....    | 1   |
| Ireland .....        | 1   |
| Michigan .....       | 1   |
| Texas .....          | 1   |
| Canada .....         | 1   |

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|                    |     |
|--------------------|-----|
| Total .....        | 407 |
| Natives .....      | 399 |
| Foreign born ..... | 8   |

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|                       |     |
|-----------------------|-----|
| Total .....           | 407 |
| Colored males .....   | 357 |
| Colored females ..... | 7   |
| White males .....     | 42  |
| White females .....   | 1   |

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|             |     |
|-------------|-----|
| Total ..... | 407 |
|-------------|-----|

TABLE NO. 3.

## Crimes for which sentenced during year 1904:

|                                                                                   |    |
|-----------------------------------------------------------------------------------|----|
| Entering building to commit misdemeanor.....                                      | 45 |
| Embezzlement .....                                                                | 6  |
| Murder .....                                                                      | 25 |
| Breaking and entering to commit felony.....                                       | 19 |
| Breaking and entering to commit felony.....                                       | 19 |
| Assault to murder .....                                                           | 34 |
| Assault to commit crime against nature.....                                       | 1  |
| Assault to rape .....                                                             | 4  |
| Common thief .....                                                                | 1  |
| Grand Larceny .....                                                               | 62 |
| Robbery .....                                                                     | 13 |
| Arson .....                                                                       | 1  |
| Lewd and lascivious behavior .....                                                | 1  |
| Manslaughter .....                                                                | 5  |
| Shooting into passenger train .....                                               | 1  |
| Assault to murder, second degree.....                                             | 2  |
| Assault to commit manslaughter .....                                              | 8  |
| Breaking and entering .....                                                       | 19 |
| Receiving stolen goods .....                                                      | 12 |
| Larceny .....                                                                     | 9  |
| Burglary .....                                                                    | 25 |
| Bigamy .....                                                                      | 3  |
| Incest .....                                                                      | 1  |
| Second larceny .....                                                              | 28 |
| Rape .....                                                                        | 5  |
| Enticing female under 16 years for clandestine marriage .....                     | 1  |
| Intercourse with female under 16 years of age.....                                | 1  |
| Intercourse with female under 18 years of age.....                                | 1  |
| Obtaining money under false pretense.....                                         | 4  |
| Crime against nature .....                                                        | 1  |
| Obstructing railroad track .....                                                  | 1  |
| Assault to rob .....                                                              | 1  |
| Aiding prisoners to escape .....                                                  | 1  |
| Larceny domestic animal .....                                                     | 7  |
| Forgery .....                                                                     | 8  |
| Resisting officer .....                                                           | 2  |
| Publishing and having in his possession a thing containing obscene language ..... | 2  |
| Entering .....                                                                    | 2  |

TABLE No. 3—Continued.

|                                              |   |
|----------------------------------------------|---|
| Uttering forgery .....                       | 4 |
| Keeping gambling house .....                 | 2 |
| Obtaining property under false pretence..... | 4 |

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407

TABLE NO. 4.

Term of imprisonment of convicts committed during year  
1904:

|                                         |    |
|-----------------------------------------|----|
| Two months .....                        | 1  |
| Six months .....                        | 22 |
| Eight months .....                      | 1  |
| Nine months .....                       | 11 |
| Nine months and six days .....          | 1  |
| One year .....                          | 90 |
| One year and two days .....             | 1  |
| One year and six months .....           | 9  |
| One year, six months and six days ..... | 2  |
| One year and nine months .....          | 1  |
| Two years .....                         | 75 |
| Two years and six months .....          | 3  |
| Three years .....                       | 54 |
| Three years and seven days .....        | 1  |
| Four years .....                        | 21 |
| Four years and two days .....           | 1  |
| Five years .....                        | 42 |
| Five years and sixty days .....         | 1  |
| Six years .....                         | 2  |
| Seven years .....                       | 5  |
| Ten years .....                         | 15 |
| Twelve years .....                      | 1  |
| Thirteen years .....                    | 1  |
| Fifteen years .....                     | 8  |
| Eighteen years .....                    | 1  |
| Twenty years .....                      | 4  |
| Life .....                              | 33 |

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407

TABLE NO. 5.

Age of prisoners committed during year 1904:

|                          |    |
|--------------------------|----|
| Ten years .....          | 1  |
| Twelve years .....       | 4  |
| Thirteen years .....     | 2  |
| Fourteen years .....     | 8  |
| Fifteen years .....      | 5  |
| Sixteen years .....      | 17 |
| Seventeen years .....    | 17 |
| Eighteen years .....     | 23 |
| Nineteen years .....     | 27 |
| Twenty years .....       | 18 |
| Twenty-one years .....   | 39 |
| Twenty-two years .....   | 42 |
| Twenty-three years ..... | 20 |
| Twenty-four years .....  | 29 |
| Twenty-five years .....  | 31 |
| Twenty-six years .....   | 20 |
| Twenty-seven years ..... | 5  |
| Twenty-eight years ..... | 13 |
| Twenty-nine years .....  | 6  |
| Thirty years .....       | 11 |
| Thirty-one years .....   | 6  |
| Thirty-two years .....   | 4  |
| Thirty-three years ..... | 2  |
| Thirty-four years .....  | 9  |
| Thirty-five years .....  | 11 |
| Thirty-six years .....   | 3  |
| Thirty-seven years ..... | 3  |
| Thirty-eight years ..... | 3  |
| Thirty-nine years .....  | 3  |
| Forty years .....        | 3  |
| Forty-one years .....    | 1  |
| Forty-two years .....    | 2  |
| Forty-three years .....  | 3  |
| Forty-five years .....   | 1  |
| Forty-six years .....    | 1  |
| Forty-seven years .....  | 1  |
| Forty-eight years .....  | 1  |
| Forty-nine years .....   | 2  |
| Fifty-two years .....    | 1  |
| Fifty-three years .....  | 1  |

TABLE No. 5—Continued.

|                        |   |
|------------------------|---|
| Fifty-five years ..... | 2 |
| Fifty-six years .....  | 3 |
| Fifty-nine years ..... | 1 |
| Sixty-two years .....  | 1 |
| Seventy years .....    | 1 |

TABLE NO. 6.  
 PARDONED DURING YEAR 1904.

| Name.               | Color. | Crime.                                              | Term.                        | Sentenced.     |                | Pardoned.     |
|---------------------|--------|-----------------------------------------------------|------------------------------|----------------|----------------|---------------|
|                     |        |                                                     |                              | When.          | County where   |               |
| Henry Brooks.....   | Black  | Rape.....                                           | Life.....                    | Nov. 7, 1888   | Jackson.....   | Feb. 24, 1904 |
| Perry Curry.....    | Yellow | Murder.....                                         | Life.....                    | Nov. 29, 1892  | Jackson.....   | Apr. 9, 1904  |
| Benj. Edwards....   | White  | Incest.....                                         | 15 years.....                | April 22, 1896 | Madison.....   | Aug. 17, 1904 |
| M. M. Driggers..... | White  | Murder.....                                         | Life.....                    | Nov. 14, 1896  | Duval.....     | Dec. 21, 1904 |
| Lon Holland.....    | White  | Murder first degree.....                            | Life.....                    | July 3, 1897   | Polk.....      | Dec. 29, 1904 |
| C. W. Balster.....  | White  | Arson and burning goods to in-<br>jure insurer..... | 15 years.....                | Dec. 23, 1897  | Duval.....     | Jan. 1, 1904  |
| Alfred Redford....  | Yellow | Murder.....                                         | Life.....                    | April 29, 1898 | Levy.....      | Feb. 5, 1904  |
| Will Michael.....   | Black  | Murder.....                                         | Life.....                    | June 17, 1898  | Sumter.....    | Dec. 20, 1904 |
| Edward Alvarez..... | White  | Murder first degree.....                            | Life.....                    | July 30, 1899  | Bradford.....  | April 6, 1904 |
| William Winn.....   | Black  | Assault to murder.....                              | 10 years.....                | April 28, 1899 | Jefferson..... | April 6, 1904 |
| John Miller.....    | Brown  | Assault to murder.....                              | 15 years and 60<br>days..... | June 3, 1899   | Columbia.....  | Aug. 1, 1904  |
| Aaron Adams.....    | Black  | Murder first degree.....                            | 10 years.....                | Nov. 18, 1899  | Volusia.....   | Dec. 22, 1904 |
| Robert Futch.....   | White  | Murder.....                                         | Life.....                    | Nov. 18, 1899  | Jefferson..... | Jan. 1, 1904  |
| Mack Magill.....    | Brown  | Robbery.....                                        | 5 years.....                 | April 28, 1900 | Duval.....     | Apr. 9, 1904  |
| Moses Hewett.....   | White  | Murder.....                                         | Life.....                    | June 4, 1900   | Duval.....     | Feb. 5, 1904  |
| Sam Jacobs.....     | Brown  | Murder first degree.....                            | Life.....                    | Nov. 5, 1900   | Marion.....    | June 4, 1904  |
| Elijah J. Shambly.. | Yellow | Resisting an officer.....                           | 4 years.....                 | July 8, 1901   | Hillsborough.. | Feb. 1, 1904  |
| Son Scott.....      | Brown  | Breaking and entering.....                          | 5 years.....                 | Jan. 19, 1902  | Duval.....     | Feb. 5, 1904  |
| Joe Woods.....      | Brown  | Assault to murder.....                              | 15 years.....                | Feb. 14, 1902  | Escambia.....  | Dec. 6, 1904  |
| N. V. Walden.....   | White  | Embezzlement.....                                   | 5 years.....                 | Mar. 20, 1902  | Literty.....   | Jan. 6, 1904  |
| Geo. W. Therouse..  | White  | Grand larceny.....                                  | 3 years.....                 | July 22, 1902  | Hillsborough.. | Aug. 1, 1904  |
| W. B. Long.....     | White  | Assault to murder.....                              | 2 years.....                 | Nov. 10, 1902  | Holmes.....    | Mar. 7, 1904  |

| Name.                 | Color.   | Crime.                                       | Term.        | Sentenced.      |                 | Pardoned.                                     |
|-----------------------|----------|----------------------------------------------|--------------|-----------------|-----------------|-----------------------------------------------|
|                       |          |                                              |              | When.           | County where.   |                                               |
| John E. Hogan.....    | White... | Larceny of domestic animal ..                | 5 years ...  | Nov. 8, 1902.   | DeSoto.....     | Aug. 1, 1904                                  |
| Alfred Bryant.....    | Yellow.. | Obtaining property under false pretenses ... | 5 years ...  | Dec. 12, 1902.  | Savannee.....   | April 6, 1904                                 |
| Leopoldo Castellano.. | White... | Murder ..                                    | 5 years....  | Dec. 16, 1902   | Hillsborough .. | May 16, 1904                                  |
| McDuffie Clinton...   | Black... | Fraudulently marking animal.                 | 5 years....  | Dec. 12, 1902.  | Volusia.....    | Aug. 1, 1904                                  |
| James Cobb .....      | White... | Larceny of domestic animal....               | 2 years....  | April 30, 1903  | Levy .....      | May 13, 1904                                  |
| William Zeekman.....  | White... | Manslaughter ..                              | 2 years....  | July 4, 1903.   | Monroe.....     | Feb. 8, 1904                                  |
| Leonaid Newble.....   | White... | Assault to murder.....                       | 6 months...  | Sept. 18, 1903. | Monroe.....     | Jan. 1, 1904                                  |
| Joseph Wood.....      | White... | Bigamy ..                                    | 4 years....  | Oct. 3, 1903    | Hillsborough .. | June 2, 1904                                  |
| Sam Harris.....       | White... | Larceny of domestic animal....               | 2 years....  | Oct. 10, 1903.  | Pasco.....      | Aug. 4, 1904                                  |
| Mack Stevenson.....   | White... | Bigamy ..                                    | 3 years....  | Ocr. 27, 1903   | Holmes.....     | June 2, 1904                                  |
| Wm Sylvester.....     | White... | Murder ..                                    | Life.....    | Nov. 12, 1903.  | Duval.....      | Dec. 19, 1904                                 |
| Tom Peadon.....       | White... | Manslaughter.....                            | 20 years.... | Dec. 24, 1903.  | Santa Rosa ..   | Mich. 23, 1904                                |
| Sam Foster.....       | White... | Manslaughter.....                            | 20 years.... | Dec. 24, 1903.  | Santa Rosa ..   | Mich. 23, 1904                                |
| Rob Lewis.....        | Brown... | Murder ..                                    | Life.....    | Dec. 10, 1903   | Sumter.....     | Dec. 26, 1904                                 |
| Elcey Montgomery..    | Brown..  | Grand larceny ..                             | 2 years....  | Dec. 9, 1903.   | Marion.....     | Paroled Jan. 7, 1904<br>Returned May 30, 1904 |
| Thos. Williams.....   | White... | Larceny of domestic animal ....              | 2 years....  | Dec. 14, 1903.  | DeSoto.....     | May 18, 1904                                  |
| Joseph H Peeples...   | White..  | Larceny of domestic animal....               | 2 years....  | Dec. 17, 1903.  | DeSoto.....     | Aug. 4, 1904                                  |
| Alma Crenshaw .....   | Black... | Manslaughter ..                              | 5 years....  | Feb. 9, 1903.   | Escambia.....   | Paroled May 21, 1904                          |

TABLE NO. 7.  
ESCAPED DURING YEAR 1904.

| Name.               | Age  | Color.  | Crime.                                       | Term.                 | Sentenced.      |                 | Escaped.       |
|---------------------|------|---------|----------------------------------------------|-----------------------|-----------------|-----------------|----------------|
|                     |      |         |                                              |                       | When.           | County where.   |                |
| Peter Cole.....     | 34.. | Yellow  | Murder .....                                 | 20 years...           | Nov. 30, 1895.  | Jackson.....    | Oct. 11, 1904  |
| James Johnson ..    | 31.. | Brown   | Breaking and entering.....                   | 60 years....          | Oct. 27, 1896.  | Duval .....     | Oct. 7, 1904   |
| Bentley Thomas ..   | 41.. | Brown   | Second grand larceny .....                   | 10 years....          | Mch. 1, 1899.   | Duval .....     | July 23, 1904  |
| Ed Johnson .....    | 22.. | Black.  | Robbery .....                                | 7 years....           | Nov. 20, 1900.  | Escambia.....   | Mch. 8, 1904   |
| Thomas Weeks .....  | 32.. | White.  | Murder, first degree .....                   | 20 years....          | Mch. 8, 1901.   | Lee .....       | Feb. 6, 1904   |
| Isaac Williams....  | 56.. | Black.. | Larceny .....                                | 5 years....           | Sept. 13, 1901. | Duval .....     | May 13, 1904   |
| Will Teal .....     | 26.. | Black.  | Assault to murder .....                      | 10 years....          | April 26, 1901. | St. Johns.....  | Aug. 25, 1904  |
| Frank Terrell.....  | 25.. | Brown   | Robbery .....                                | 5 years....           | Nov. 29, 1901.  | Escambia.....   | June 3, 1904   |
| James Nelson .....  | 26.. | Yellow  | Burglary .....                               | 4 years....           | Mch. 15, 1902.  | Hillsborough .. | Sept. 6, 1904  |
| Arthur Green .....  | 17.. | Black.  | Murder .....                                 | 15 years....          | April 24, 1902. | Levy .....      | Sept. 16, 1904 |
| Robert Roberson ..  | 29.. | Brown   | Assault to rape .....                        | 10 years....          | May 3, 1902.    | Columbia.....   | May 24, 1904   |
| William Davis ..... | 40.. | Yellow  | Larceny .....                                | 2 years....           | June 5, 1902.   | Dade .....      | Jan. 9, 1904   |
| Fred Johnson .....  | 30.. | Brown   | Entering building to commit misdemeanor..... | 4 years....           | Sept. 3, 1902.  | Duval .....     | April 23, 1904 |
| Jim Waite .....     | 17.. | Black.  | Breaking and entering.....                   | 10 years....          | Nov. 7, 1902.   | Columbia .....  | Feb. 22, 1904  |
| Arthur Wright ..... | 16.. | Yellow  | Second larceny .....                         | 10 years....          | Feb. 25, 1903.  | Duval .....     | Feb. 14, 1904  |
| Edward Johnson ..   | 31.. | Black.  | Assault to murder.....                       | 20 years....          | Feb. 28, 1903.  | Dade .....      | June 14, 1904  |
| John Barnett .....  | 28.. | White.  | Assault to murder.....                       | 2 years....           | Mch. 12, 1903.  | Lee .....       | Sept. 3, 1904  |
| Berry Hurst .....   | 27.. | Black.. | Robbery .....                                | 5 years....           | Feb. 28, 1903.  | Dade .....      | Jan. 4, 1904   |
| Sandy Hogans .....  | 70.. | Black.. | Breaking and entering to commit felony.....  | 5 years....           | May 6, 1903.    | Columbia.....   | July 31, 1904  |
| Frank Carter.....   | 21.. | Black.  | Murder .....                                 | Life .....            | Aug. 5, 1903.   | Duval .....     | June 14, 1904  |
| Fred Campbell.....  | 26.. | Black.  | Entering building to commit felony .....     | 7 years and 6 months. | Aug. 31, 1903.  | Duval .....     | Jan. 4, 1904   |

TABLE NO. 7 —Continued.

371

## ESCAPED DURING YEAR 1904.

| Name.             | Age | Color.           | Crime.                                         | Term.                | Sentenced.     |                 | Escaped.       |
|-------------------|-----|------------------|------------------------------------------------|----------------------|----------------|-----------------|----------------|
|                   |     |                  |                                                |                      | When.          | County where    |                |
| Charles Holmes... | 23. | Black.           | Breaking and entering to commit felony.        | 5 years ..           | Oct. 19, 1903. | Dade.....       | Jan. 4, 1904   |
| Jeff Mayo.....    | 25. | White.           | Breaking and entering to commit felony.        | 3 years and 60 days. | Nov. 11, 1903. | Washington...   | Sept. 3, 1904  |
| Harrison Williams | 15. | Black.           | Breaking and entering.                         | 1 year....           | Nov. 18, 1903. | Jefferson.....  | Jan. 12, 1904  |
| Alorzo Mills..... | 26. | Brown            | Breaking and entering railroad locomotive car. | 1 year....           | Nov. 20, 1903. | Baker.....      | Feb. 13, 1904  |
| Joe Bailey.....   | 42. | Black.           | Burglary.                                      | 2 years....          | Nov. 28, 1903. | Hillsborough... | Jan. 1, 1904   |
| Wm. Stevenson...  | 37. | Brown            | Common theft.                                  | 5 years....          | Dec. 19, 1903. | Dade.....       | Jan. 26, 1904  |
| Henry Williams... | 19. | Black.           | Second larceny.                                | 2 1/2 years...       | Jan. 11, 1904. | Duval.....      | April 23, 1904 |
| Morris Burnett... | 20. | Ginger<br>c. ke. | Entering to commit misdemeanor.                | 3 years....          | Feb. 12, 1904. | Escambia.....   | Aug. 17, 1904  |
| John Williams...  | 19. | Brown            | Entering building to commit misdemeanor.       | 1 year and 6 months. | Feb. 16, 1904. | Duval.....      | Oct. 9, 1904   |
| Will D. Rose..... | 21. | Black.           | Burglary.                                      | 15 & 5 year.         | May 14, 1904.  | Marion.....     | July 30, 1904  |
| Wm. Samuels.....  | 18. | Black            | Grand larceny.                                 | 2 years....          | May 17, 1904.  | Orange.....     | June 14, 1904  |
| Jesse Miller..... | 21. | Ginger           | Assault to murder.                             | 5 years....          | May 6, 1904.   | Walton.....     | June 15, 1904  |
| Lee Stephens..... | 40. | Black.           | Murder.                                        | Life.....            | Nov. 22, 1904. | Volusia.....    | Dec. 8, 1904   |
| L. J. Flanagan... | 21. | White.           | Obtaining money under false pretenses.         | 2 years....          | May 19, 1904.  | Osceola.....    | Dec. 27, 1904  |

TABLE NO. 8.  
DIED DURING YEAR 1904.

| Name.                 | Color.     | Crime.                                                    | Term.     | Sentenced.      |                   | Died.           | Disease or Cause.                                           |
|-----------------------|------------|-----------------------------------------------------------|-----------|-----------------|-------------------|-----------------|-------------------------------------------------------------|
|                       |            |                                                           |           | When.           | County Where.     |                 |                                                             |
| Jenny Walker.....     | Brown..... | Breaking and entering.                                    | 20 years. | Jan. 20, 1900.  | Leon.....         | June 16, 1904.  | Cancer of womb.                                             |
| Jake Ellis.....       | Black..... | Second grand larceny.                                     | 15 years. | April 12, 1898. | Duval.....        | Jan. 9, 1904.   | Bright's disease.                                           |
| Charles McCoy.....    | Black..... | under first degree.                                       | 3 years.  | Mch. 5, 1898.   | Lafayette.....    | July 12, 1904.  | Malarial fever.                                             |
| Hud Lorez.....        | Brown..... | Breaking and entering.                                    | 7 years.  | Dec. 3, 1898.   | Escambia.....     | May 31, 1904.   | Tuberculosis.                                               |
| Sherman Henry.....    | Black..... | Rape.....                                                 | Life.     | Dec. 23, 1899.  | Alachua.....      | Oct. 13, 1904.  | Locomotor ataxia.                                           |
| Westley Stephens..... | Brown..... | Second grand larceny.                                     | 8 years.  | Jan. 8, 1900.   | Duval.....        | Ap'l 13, 1904.  | Hemorrhage of lungs following pneumonia.                    |
| Thomas Williams.....  | Black..... | Manslaughter.....                                         | 5 years.  | June 7, 1901.   | Alachua.....      | Sept. 9, 1904.  | Killed by accidental discharge of gun.                      |
| Henry Terrell.....    | Black..... | Robbery.....                                              | 5 years.  | Nov. 29, 1901.  | Escambia.....     | June 11, 1904.  | Drowned in phosphate pit.                                   |
| Dan Simmons.....      | Brown..... | Carnal intercourse with female under 18 years of age..... | 7 years.  | Nov. 29, 1901.  | Brevard.....      | July 31, 1904.  | Gonorrhoea of long standing, affecting bladder and kidneys. |
| Louise Davis.....     | Black..... | Grand larceny.....                                        | 2 years.  | Feb. 17, 1903.  | Duval.....        | Aug. 8, 1904.   | Hemorrhage of lungs, caused from consumption.               |
| James McCray.....     | Black..... | Grand larceny.....                                        | 2 years.  | May 4, 1902.    | Alachua.....      | Dec. 13, 1904.  | Hemiplegia.                                                 |
| Sandy H. Gans.....    | Black..... | Breaking and entering.                                    | 5 years.  | May 6, 1903.    | Columbia.....     | Nov. 22, 1904.  | Natural causes.                                             |
| Arthur Russ.....      | Black..... | Assault to rape.....                                      | 10 years. | June 16, 1903.  | Citrus.....       | Sept. 30, 1904. | Extravasation of the urine.                                 |
| J. L. Jarman.....     | White..... | arcey of a cow.....                                       | 3 years.  | July 3, 1903.   | Jackson.....      | Mch. 24, 1904.  | Uremia.                                                     |
| Gus Thomas.....       | Black..... | Entering.....                                             | 2 years.  | Oct. 10, 1903.  | Pasco.....        | June 25, 1904.  | Paralysis.                                                  |
| Simon Burr.....       | Black..... | Assault to murder.....                                    | 15 years. | Oct. 23, 1903.  | Sumter.....       | Apr. 27, 1904.  | Pulmonary tuberculosis.                                     |
| Isiah Starling.....   | Black..... | Assault to rape.....                                      | Life.     | Oct. 27, 1903.  | Holmes.....       | Dec. 1, 1904.   | Pleuro-pneumonia.                                           |
| David Brown.....      | Brown..... | Murder.....                                               | Life.     | Nov. 18, 1903.  | Jefferson.....    | May 10, 1904.   | Killed by guard while trying to escape.                     |
| Maxie Gabral.....     | Black..... | Breaking and entering.                                    | 2 years.  | Nov. 29, 1903.  | Pasco.....        | Jan. 24, 1904.  | Killed by guard while trying to escape.                     |
| James Jackson.....    | White..... | Grand larceny.....                                        | 2 years.  | Nov. 28, 1903.  | Hillsborough..... | Nov. 11, 1904.  | Dysentery.                                                  |
| Joe Tompkins.....     | Black..... | Entering to commit misdemeanor.                           | 1 year.   | Dec. 2, 1903.   | Putnam.....       | Jan. 18, 1904.  | Gangrene of the lungs.                                      |

TABLE NO. 8.—Continued.

373

## DIED DURING YEAR 1904.

| Name.                | Color.      | Crime.                                                     | Term.              | Sentenced.      |                | Died.           | Disease or Cause.                                            |
|----------------------|-------------|------------------------------------------------------------|--------------------|-----------------|----------------|-----------------|--------------------------------------------------------------|
|                      |             |                                                            |                    | When.           | County Where.  |                 |                                                              |
| Will Wright.....     | Black ..... | Throwing into railroad train maliciously and wantonly..... | 2 years & 60 days. | Dec. 5, 1903.   | Jackson.....   | Jan. 25, 1904.  | Pneumonia.                                                   |
| William Minor.....   | Brown.....  | Assault to murder.....                                     | 5 years.....       | Dec. 12, 1903.  | Osceola.....   | July 31, 1904.  | Pulmonary tuberculosis.                                      |
| Alex. Jackson.....   | White.....  | Larceny of a cow.....                                      | 2 years.....       | Dec. 17, 1903.  | Suwannee.....  | April 8, 1904.  | Acute nephritis.                                             |
| Dillard Perdue.....  | Brown.....  | Murder.....                                                | Life.....          | Dec. 10, 1903.  | Escambia.....  | May 25, 1904.   | Drowned in crossing creek while attempting to escape.        |
| Will Smith.....      | Brown.....  | Obtaining property under false pretense.....               | 5 years.....       | May 2, 1904.    | Duval.....     | Sept. 23, 1904. | Killed by fellow prisoner by striking with turpentine ax.    |
| Garfield Grauls..... | Black ..... | Resisting officer.....                                     | 2 years.....       | July 12, 1904.  | Hillsborough.. | Aug. 3, 1904.   | Killed by guard while attempting to escape.                  |
| E. Payne.....        | Black ..... | Entering to commit misdemeanor.....                        | 2 years.....       | Sept. 17, 1904. | Escambia.....  | Sept. 30, 1904. | Died from effect of overheating before reaching prison camp. |
| Elliot Forney.....   | Black ..... | Assault to murder.....                                     | 7 years.....       | Sept. 28, 1904. | Escambia.....  | Sept. 30, 1904. | Died from effect of overheating before reaching prison camp. |

TABLE NO. 9.  
RECAPTURED DURING YEAR 1904.

| Name.                 | Crime.                                        | Term.                     | Sentenced.      |                    | Escaped.       | Recaptured.   |
|-----------------------|-----------------------------------------------|---------------------------|-----------------|--------------------|----------------|---------------|
|                       |                                               |                           | When.           | County where.      |                |               |
| Ed Johnson .....      | Robbery .....                                 | 7 years .....             | Nov. 20, 1900.  | Escambia .....     | Mch. 8, 1904   | Mch. 25, 1904 |
| James Nelson .....    | Burglary .....                                | 4 years .....             | Mch. 15, 1902.  | Hillsborough ..... | Sept. 6, 1904. | Nov. 7, 1904  |
| John Jackson .....    | Second grand larceny .....                    | 3 years .....             | April 15, 1902. | Duval .....        | Aug. 1, 1902.  | June 14, 1904 |
| Joe Williams .....    | Assault to rape .....                         | 5 years .....             | May 23, 1902.   | Alachua .....      | Jan. 25, 1903. | July 17, 1904 |
| S. D. Young .....     | Forgery .....                                 | 2 years .....             | July 28, 1902.  | Hillsborough ..... | May 20, 1903.  | Nov. 19, 1904 |
| Fred Johnson .....    | Entering building to commit misdemeanor ..... | 4 years .....             | Sept. 3, 1902.  | Duval .....        | April 23, 1904 | July 11, 1904 |
| Butler Williams ..... | Murder .....                                  | 7 years .....             | Nov. 10, 1902.  | Holmes .....       | Aug. 31, 1903  | July 17, 1904 |
| Sol Solomon .....     | Entering building to commit felony .....      | 3 years .....             | Nov. 22, 1902.  | Jefferson .....    | Aug. 6, 1903.  | July 13, 1904 |
| Sandy Hogans .....    | Breaking and entering to commit felony .....  | 5 years .....             | May 6, 1903.    | Columbia .....     | July 31, 1904. | Nov. 14, 1904 |
| Chas. Holmes .....    | Breaking and entering to commit felony .....  | 5 years .....             | Oct. 19, 1903.  | Dade .....         | Jan. 4, 1904.  | Jan. 8, 1904  |
| John Williams .....   | Entering building to commit misdemeanor ..... | 1 year and 6 months ..... | Feb. 16, 1904.  | Duval .....        | Oct. 9, 1904.  | Dec. 2, 1904  |

|                                        | Jan.      | Feb.      | Mch.      | Ap'l.     | May.      | June      | July.     | Aug.      | Sept.     | Oct.      | Nov.      | Dec.      | Totals.      |
|----------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|
| On hand January 1, 1904.....           |           |           |           |           |           |           |           |           |           |           |           |           | 1,123        |
| Commitments.....                       | 15        | 24        | 28        | 48        | 42        | 13        | 28        | 23        | 23        | 56        | 62        | 45        | 407          |
| Recaptures.....                        | 1         | 0         | 1         | 0         | 0         | 1         | 4         | 0         | 0         | 0         | 3         | 1         | 11           |
| Returned from Asylum.....              |           |           | 1         |           |           |           |           |           |           |           |           | 1         | 2            |
| Returned by order Court.....           |           |           |           |           |           |           |           |           |           | 1         |           |           | 1            |
| Parole recalled.....                   |           |           |           |           | 1         |           |           |           |           |           |           |           | 1            |
| Under conditional pardon returned..... |           |           |           |           | 1         |           |           |           |           |           |           |           | 1            |
| <b>Totals.....</b>                     | <b>16</b> | <b>24</b> | <b>30</b> | <b>48</b> | <b>44</b> | <b>14</b> | <b>32</b> | <b>23</b> | <b>23</b> | <b>57</b> | <b>65</b> | <b>47</b> | <b>1,546</b> |

|                                | Jan.      | Feb.      | Mch.      | Ap'l.     | May       | June      | July.     | Aug.      | Sept.     | Oct.      | Nov.      | Dec.      | Totals.    |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| D'scharged by order Court..... | 1         |           |           |           |           |           |           |           |           |           |           |           | 1          |
| Discharges.....                | 23        | 23        | 27        | 19        | 16        | 24        | 24        | 39        | 17        | 18        | 11        | 25        | 236        |
| Escapes.....                   | 7         | 3         | 2         | 2         | 2         | 5         | 3         | 2         | 4         | 3         | 0         | 2         | 35         |
| Pardons.....                   | 4         | 6         | 5         | 3         | 3         | 3         | 0         | 7         | 0         | 0         | 0         | 7         | 38         |
| Deaths.....                    | 4         | 0         | 1         | 3         | 3         | 3         | 3         | 2         | 5         | 1         | 2         | 2         | 29         |
| Committed to Asylum.....       |           |           |           |           |           |           |           |           | 1         |           |           |           | 1          |
| Paroled.....                   | 1         |           |           |           | 1         |           |           |           |           |           |           |           | 2          |
| <b>Totals.....</b>             | <b>40</b> | <b>32</b> | <b>35</b> | <b>27</b> | <b>25</b> | <b>35</b> | <b>30</b> | <b>50</b> | <b>27</b> | <b>22</b> | <b>13</b> | <b>36</b> | <b>372</b> |

1,546—Total number prisoners in.

372—Total number prisoners out.

1,174—Total number prisoners on hand January 1<sup>st</sup>, 1905.

TABLE NO. 11.

## GIVING ENTRIES AND DISCHARGES FROM THE STATE PRISON HOSPITAL.

|                             | 1903.    |           |        |        |      |       |       |         |            |          |           |           | 1904.    |           |        |        |      |       |       |         |            |          |           |           | Totals. |
|-----------------------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|---------|
|                             | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Totals. |
| On hand first of month..... | *0       | 27        | 27     | 28     | 31   | 28    | 28    | 27      | 30         | 27       | 35        | 40        | 48       | 47        | 47     | 44     | 45   | 40    | 40    | 42      | 39         | 40       | 44        | 49        | 48      |
| Committed.....              | 27       | 2         | 1      | 7      | 2    | 4     | 2     | 4       | 6          | 8        | 6         | 10        | 4        | 3         | 1      | 7      | 1    | 1     | 9     | 5       | 4          | 5        | 6         | 8         | 128     |
| Pardoned.....               | 0        | 2         | 0      | 1      | 0    | 0     | 0     | 1       | 0          | 0        | 0         | 1         | 1        | 0         | 1      | 0      | 1    | 0     | 0     | 1       | 0          | 0        | 0         | 2         | 11      |
| Died.....                   | 0        | 0         | 0      | 1      | 0    | 0     | 0     | 0       | 0          | 0        | 0         | 0         | 1        | 0         | 1      | 1      | 1    | 1     | 1     | 0       | 1          | 0        | 0         | 2         | 10      |
| Returned to service.....    | 0        | 0         | 0      | 1      | 3    | 4     | 2     | 0       | 9          | 0        | 1         | 1         | 2        | 3         | 2      | 3      | 4    | 0     | 5     | 5       | 1          | 1        | 1         | 0         | 48      |
| Expirations.....            | 0        | 0         | 0      | 1      | 2    | 0     | 1     | 0       | 0          | 0        | 0         | 0         | 1        | 0         | 0      | 2      | 0    | 0     | 1     | 2       | 1          | 0        | 0         | 0         | 11      |

\* The Hospital was put into active existence January 19th, 1903, on which date 17 prisoners were admitted; hence the report, "none on hand," January 1st, 1903.

Average for 1904—47½.

Distribution of the Convict Fund to the several counties  
in the State of Florida for the quarter  
ending March 31, 1904:

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 1,204.20 |
| Baker .....        | 231.30      |
| Bradford .....     | 490.50      |
| Brevard .....      | 760.20      |
| Calhoun .....      | 216.30      |
| Citrus .....       | 324.90      |
| Clay .....         | 309.60      |
| Columbia .....     | 600.00      |
| Dade .....         | 1,007.40    |
| DeSoto .....       | 810.00      |
| Duval .....        | 3,022.20    |
| Escambia .....     | 1,715.70    |
| Franklin .....     | 237.30      |
| Gadsden .....      | 332.70      |
| Hamilton .....     | 405.30      |
| Hernando .....     | 285.00      |
| Hillsborough ..... | 2,434.80    |
| Holmes .....       | 241.80      |
| Jackson .....      | 582.60      |
| Jefferson .....    | 434.10      |
| LaFayette .....    | 297.60      |
| Lake .....         | 623.70      |
| Lee .....          | 485.70      |
| Leon .....         | 667.50      |
| Levy .....         | 437.10      |
| Liberty .....      | 140.40      |
| Madison .....      | 555.00      |
| Manatee .....      | 526.80      |
| Marion .....       | 1,100.40    |
| Monroe .....       | 473.70      |
| Nassau .....       | 554.70      |
| Orange .....       | 988.50      |
| Osceola .....      | 408.30      |
| Pasco .....        | 370.80      |
| Polk .....         | 1,086.60    |
| Putnam .....       | 723.90      |
| Santa Rosa .....   | 516.60      |
| St. Johns .....    | 721.20      |
| Sumter .....       | 402.00      |
| Suwannee .....     | 759.00      |

Distribution of the Convict Fund for Quarter Ending  
March 31, 1904—Continued.

|                    |                    |
|--------------------|--------------------|
| Taylor .....       | 366.90             |
| Volusia .....      | 936.60             |
| Wakulla .....      | 191.10             |
| Walton .....       | 520.20             |
| Washington .....   | 499.80             |
| <b>Total .....</b> | <b>\$30,000.00</b> |

Distribution of the Convict Fund to the several counties  
in the State of Florida for the quarter  
ending June 30, 1904.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 1,204.20 |
| Baker .....        | 231.30      |
| Bradford .....     | 490.50      |
| Brevard .....      | 760.20      |
| Calhoun .....      | 216.30      |
| Citrus .....       | 324.90      |
| Clay .....         | 309.60      |
| Columbia .....     | 600.00      |
| Dade .....         | 1,007.40    |
| DeSoto .....       | 810.00      |
| Duval .....        | 3,022.20    |
| Escambia .....     | 1,715.70    |
| Franklin .....     | 237.30      |
| Gadsden .....      | 332.70      |
| Hamilton .....     | 405.30      |
| Hernando .....     | 285.00      |
| Hillsborough ..... | 2,434.80    |
| Holmes .....       | 241.80      |
| Jackson .....      | 582.60      |
| Jefferson .....    | 434.10      |
| LaFayette .....    | 297.60      |
| Lake .....         | 623.70      |
| Lee .....          | 485.70      |
| Leon .....         | 667.50      |
| Levy .....         | 437.10      |
| Liberty .....      | 140.40      |
| Madison .....      | 555.00      |
| Manatee .....      | 526.80      |
| Marion .....       | 1,100.40    |
| Monroe .....       | 473.70      |
| Nassau .....       | 554.70      |
| Orange .....       | 988.50      |
| Osceola .....      | 408.30      |
| Pasco .....        | 370.80      |
| Polk .....         | 1,086.60    |
| Putnam .....       | 723.90      |
| Santa Rosa .....   | 516.60      |
| St. Johns .....    | 721.20      |
| Sumter .....       | 402.00      |
| Suwannee .....     | 759.00      |

Distribution of the Convict Fund for Quarter Ending  
June 30, 1904—Continued.

|                  |             |
|------------------|-------------|
| Taylor .....     | 366.90      |
| Volusia .....    | 936.60      |
| Wakulla .....    | 191.10      |
| Walton .....     | 520.20      |
| Washington ..... | 499.80      |
| <hr/>            |             |
| Total .....      | \$30,000.00 |

Distribution of the Convict Fund to the several counties  
in the State of Florida, for the quarter  
ending September 30, 1904.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 1,204.20 |
| Baker .....        | 231.30      |
| Bradford .....     | 490.50      |
| Brevard .....      | 760.20      |
| Calhoun .....      | 216.30      |
| Citrus .....       | 324.90      |
| Clay .....         | 309.60      |
| Columbia .....     | 600.00      |
| Dade .....         | 1,007.40    |
| DeSoto .....       | 810.00      |
| Duval .....        | 3,022.20    |
| Escambia .....     | 1,715.70    |
| Franklin .....     | 237.30      |
| Gadsden .....      | 332.70      |
| Hamilton .....     | 405.30      |
| Hernando .....     | 285.00      |
| Hillsborough ..... | 2,434.80    |
| Holmes .....       | 241.80      |
| Jackson .....      | 582.60      |
| Jefferson .....    | 434.10      |
| LaFayette .....    | 297.60      |
| Lake .....         | 623.70      |
| Lee .....          | 485.70      |
| Leon .....         | 667.50      |
| Levy .....         | 437.10      |
| Liberty .....      | 140.40      |
| Madison .....      | 555.00      |
| Manatee .....      | 526.80      |
| Marion .....       | 1,100.40    |
| Monroe .....       | 473.70      |
| Nassau .....       | 554.70      |
| Orange .....       | 988.50      |
| Osceola .....      | 408.30      |
| Pasco .....        | 370.80      |
| Polk .....         | 1,086.60    |
| Putnam .....       | 723.90      |
| Santa Rosa .....   | 516.60      |
| St. Johns .....    | 721.20      |
| Sumter .....       | 402.00      |
| Suwannee .....     | 759.00      |
| Taylor .....       | 366.90      |

Distribution of the Convict Fund for Quarter Ending  
September 30, 1904.—Continued.

|                  |        |
|------------------|--------|
| Volusia .....    | 936.60 |
| Wakulla .....    | 191.10 |
| Walton .....     | 520.20 |
| Washington ..... | 499.80 |

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Total ..... \$30,000.00

Distribution of the Convict Fund to the several counties  
in the State of Florida, for the quarter  
ending December 31, 1904.

|                    |             |
|--------------------|-------------|
| Alachua .....      | \$ 2,809.80 |
| Baker .....        | 539.70      |
| Bradford .....     | 1,144.50    |
| Brevard .....      | 1,773.80    |
| Calhoun .....      | 504.70      |
| Citrus .....       | 758.10      |
| Clay .....         | 722.40      |
| Columbia .....     | 1,400.00    |
| Dade .....         | 2,350.60    |
| DeSoto .....       | 1,890.00    |
| Duval .....        | 7,051.80    |
| Escambia .....     | 4,003.30    |
| Franklin .....     | 553.70      |
| Gadsden .....      | 776.30      |
| Hamilton .....     | 945.70      |
| Hernando .....     | 665.00      |
| Hillsborough ..... | 5,681.20    |
| Holmes .....       | 564.20      |
| Jackson .....      | 1,359.40    |
| Jefferson .....    | 1,012.90    |
| LaFayette .....    | 694.40      |
| Lake .....         | 1,455.30    |
| Lee .....          | 1,133.30    |
| Leon .....         | 1,557.50    |
| Levy .....         | 1,019.90    |
| Liberty .....      | 327.60      |
| Madison .....      | 1,295.00    |
| Manatee .....      | 1,229.20    |
| Marion .....       | 2,567.60    |
| Monroe .....       | 1,105.30    |
| Nassau .....       | 1,294.30    |
| Orange .....       | 2,306.50    |
| Osceola .....      | 952.70      |
| Pasco .....        | 865.20      |
| Polk .....         | 2,535.40    |
| Putnam .....       | 1,689.10    |
| Santa Rosa .....   | 1,205.40    |
| St. Johns .....    | 1,682.80    |
| Sumter .....       | 938.00      |
| Suwannee .....     | 1,771.00    |

Distribution of the Convict Fund for Quarter Ending  
December 31, 1904, Continued.

|                    |                    |
|--------------------|--------------------|
| Taylor .....       | 856.10             |
| Volusia .....      | 2,185.40           |
| Wakulla .....      | 445.90             |
| Walton .....       | 1,213.80           |
| Washington .....   | 1,166.20           |
| <b>Total .....</b> | <b>\$70,000.00</b> |

## RULES AND REGULATIONS

*Relative to the Care and Maintenance of State Prisoners  
By Contractors, as Promulgated by the Board of Com-  
missioners of State Institutions.*

No. 1. Contractors shall require each and every convict to wear at all times the uniform of the Florida State Prison, which shall be the same that is now used.

No. 2. The Contractors shall keep for each prisoner two suits of clothes, one hat and one pair of shoes, all the time; shall cause each convict to bathe all over once a week and put on clean clothes, and during the winter they must be furnished a sufficient amount of underclothing to insure protection from cold.

No. 3. The Contractors must have good and comfortable quarters for convicts, and shall have separate rooms for eating and sleeping, have them swept out thoroughly every morning. The floor of the dining room must be scrubbed once a week, and sleeping rooms as often as necessary. The Contractors shall furnish for each convict a good mattress and such other bedding as is necessary, and the same must be kept clean.

No. 4. The convicts must be furnished with good and wholesome food, in sufficient quantity, thoroughly and well cooked. A daily record must be kept of all supplies issued to convicts, and at the end of each month a certified copy of the same shall be furnished the Supervisor of Convicts and Convict Camps.

No. 5. The Contractors shall report to the Supervisor at the end of each month the name of each convict punished during the month, and the kind and amount of punishment inflicted.

No. 6. Contractors shall furnish all the medicine and medical attention necessary for the proper care of the convicts; shall furnish a building to be used as a hospital, and when a convicts becomes sick enough to need medical attention, he must be kept in the hospital until discharged by the attending physician. Each sick convict shall be furnished a single bed with springs, mattress, pillow, etc., also net to keep flies away, and such food as the physician shall prescribe.

No. 7. If a convict dies, the Contractor shall furnish the Supervisor, and also the Superintendent of headquarters

the cause of death. If convict dies without the attention of a physician, an inquest must be held and a copy of the verdict must be furnished without delay.

ter camp, a certificate from the attending physician as to

No. 8. No cruel or inhuman treatment shall be inflicted on the prisoners, but the Contractors shall have the power to administer punishment to convicts for disobedience. Monthly reports must be sent to the Supervisor, and he to the Commissioner of Agriculture, of the person punished, cause of punishment and kind of punishment. If corporeal, the number of lashes.

No. 9. The Contractor shall designate the person who is to administer punishment to the convicts. The name of said person for each camp must be given to the Supervisor and he report same to the Commissioner of Agriculture, and no one else shall correct or punish prisoners but the one so designated. No guard shall curse, strike or in any way abuse a prisoner.

No. 10. No person shall be allowed in the camp or stockade while under the influence of intoxicating liquors. No intoxicating liquors shall be allowed in the camps. No guard, captain of guards, foreman, or any one in any way connected with the management of convicts, shall be allowed to indulge in the use of intoxicants while on duty or in camps. Contractors must discharge any employee violating this rule, and notify the Supervisor of such discharges and he the Commissioner of Agriculture.

No. 11. The guards shall not permit any one to converse with a prisoner who is not in some way connected with the State Prison, without the consent or permission of the proper authority.

No. 12. Contractors shall not permit any convict, whether a "trusty" or not, to go away from the stockade unless accompanied by a guard or guards, and at all times when at work of any kind guards must be near enough to the convicts to prevent them committing any act of violence.

No. 13. Convicts working in mines must not be so shackled or hobbled that they cannot move quickly to a safe distance from falling banks, neither shall they be required to handle or load hot rock on cars.

No. 14. All "trusty" convicts must be kept under guard after 8 o'clock at night on account of Rule 12.

No. 15. Convicts shall not be allowed to work on Sundays, nor before sun-rise or after sun-set, except as regu-

lar cooks and yard hands in their usual care of the camp.

No. 16. In every instance where the Supervisor has sufficient evidence to show that any of these rules have been violated, it shall be his duty to at once report the same to the Commissioner of Agriculture.

No. 17. Prisoners, Superintendents, Guards, Captains of Guards, nor any other person, shall be allowed to gamble with cards, or other device for money, or thing of value, in, at or about the cells, barracks or convict camps. For a violation of this rule prisoners shall be punished, Superintendents, Guards, Captains of Guards or other employees shall be discharged from service.

No. 18. From the 15th day of June to the 16th day of September, Contractors shall allow the convicts not less than one hour and a half at noon to rest from labor and eat their mid-day meal.

No. 19. No convict shall be exchanged for another, or removed from one camp to another without notice first being given to the Supervisor and also to the Superintendent of headquarter camp.

No. 20. The Supervisor shall have power to remove, for cause, any Superintendent, Guard or Captain of Guards, the Supervisor reporting his action in such cases without delay to the Commissioner of Agriculture for his approval or disapproval.

No. 21. No Contractor shall remove a Superintendent or Captain of Guards approved by the Supervisor, without first obtaining his consent, except in cases of emergency when conduct would demand immediate action, and then notice prompt by wire or first mail shall be given the Supervisor, that he may investigate and approve or disapprove such removal, and he shall promptly report to the Commissioner of Agriculture.

No. 22. The person in charge of headquarter camp shall promptly notify the Commissioner of Agriculture and Supervisor of any transfer of prisoners from one camp to another.

No. 23. It shall be the duty of the Supervisor to see that the above Rules are faithfully observed and enforced, and a failure on the part of any Contractor, Superintendent, or Captain of Guards to observe and enforce these rules, shall be reported by the Supervisor to the Commissioner of Agriculture with all the facts connected therewith, and of all irregularities he may discover.

No. 24. All subsequent rules made by the Supervisor

and approved by the Commissioner of Agriculture must be obeyed, but in cases where they appear unreasonable, the Contractor or Contractors may appeal to the Board of Commissioners of State Institutions.

No. 25. It shall be the duty of all Contractors and those authorized to employ guards, to require each guard so employed to subscribe to an oath of office for the faithful performance of duty and proper conduct while acting as such guard, which oath shall be forwarded to the Commissioner of Agriculture.

No. 26. Contractors shall report without delay to the Commissioner of Agriculture, Supervisor, and to the Superintendent of headquarter camp, the name and number of any State convict who may escape from their respective camps, custody or control, and shall give the Supervisor full information as to when and how the escape was effected.

No. 27. These Rules must be kept posted inside of barrack building and on outside in a conspicuous place.

Approved in open meeting of the Board, January 15th, 1902.

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# **Land Department**

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Land  
Department

## STATE LANDS—HOW DERIVED AND DIS- POSED OF.

Our last bi-ennial report having been exhausted some months since, and having many inquiries concerning the different grants to the State, I deem it proper to reproduce a synopsis of the Acts of Congress under which we derive our public lands. By reading these extracts from the United States Statutes, any citizen can have a perfect understanding of the divisions under which the different grants are classed, and the proceeds, how, and why so utilized.

Much time, and a very exhaustive research of the records in this office, has been given the subject matter of this part of our report. By a careful examination of the attached tables, one can gather in detail or in totals, the disposition of our landed interests. From the information here presented, any one can make such combinations of the tables, as will give definite information, as to the total amounts used in any way whatever.

It will be found that the attached tables show in detail the disposition of, and the amount in acres, yet in the hands of the different State Boards, in the order the Congressional Grants are presented and discussed in this article.

### SWAMP AND OVERFLOWED LANDS.

How this class of lands were conveyed to the State, and the purpose for which they were to be used, is clearly set out in the following act:

Chapter LXXXIV, Act of September 28, 1850, Be it enacted, etc.

"That to enable the State of Arkansas to construct the necessary levees and drains to reclaim the swamp and overflowed lands therein, the whole of those swamp and overflowed lands, made unfit thereby for cultivation, which shall remain unsold at the passage of this act, shall be, and the same are hereby granted to said State.

"Sec. 2. And be it further enacted, That it shall be the duty of the Secretary of the Interior, as soon as may be practicable after the passage of this act, to make out an accurate list and plats of the lands described as aforesaid, and transmit the same to the Governor of the State

of Arkansas, and, at the request of said Governor, cause a patent to be issued to the State therefor; and on that patent, the fee simple to said lands shall vest in the said State of Arkansas, subject to the disposal of the Legislature thereof: Provided, however, That the proceeds of said lands, whether from sale or by direct appropriation in kind, shall be applied, exclusively, as far as necessary, to the purpose of reclaiming said lands by means of the levees and drains aforesaid.

"Sec. 3. And be it further enacted, That in making out a list and plats of the land aforesaid, all legal subdivisions, the greater part of which is 'wet and unfit for cultivation,' shall be included in said list and plats; but when the greater part of a subdivision is not of that character, the whole of it shall be excluded therefrom.

"Sec. 4. And be it further enacted, That the provisions of this act be extended to, and their benefits be conferred upon, each of the other States of the Union in which such swamp and overflowed lands, known and designated as aforesaid, may be situated."

#### DISPOSITION OF SWAMP AND OVERFLOWED LANDS.

Under a decision of the Supreme Court of this State, *Bailey vs. Trustees*, 10th Florida, and a subsequent decision in the 16th Florida, page 531, it was held that aiding the building of railroads with these lands, was sufficiently in the nature of drainage and reclamation, as to justify the Trustees in their use for this purpose, but this idea is restricted in the 16th Florida.

The Trustees of the Internal Improvement Fund have, in past years, conveyed millions of acres to various railroads, as is definitely set out in the attached tables. The present board of Trustees (as have some former boards), refuse to deed lands further, to railroads, feeling that some roads have been dealt with too liberally already. Realizing that there has been no plan carried out by the railroads to drain and reclaim the lands deeded them in the past, and further recognizing the fact that there are several millions of acres yet undrained and reclaimed, and that under the United States Statutes, above quoted, it is their duty to carry out the implied compact of the State with the Government; to use the lands yet remain-

ing in kind, or the proceeds from the sale of same, to drain and reclaim for settlement, this vast area. As a result of this position being taken by the Trustees, the Louisville & Nashville R. R. Co., during the spring of 1902, instituted suit against the Trustees, in the Federal Court for the Northern District of Florida, to force the Trustees to deed them the full amount that is claimed by them. Since the date of the above named suit, other railroad and canal companies have instituted suits against the Trustees to compel the deeding to them of more lands. Should these suits be terminated in favor of the railroad and canal companies, it would mean that the remainder of this liberal grant to the State by the United States Government, would pass into the hands of these corporations, absolutely defeating the purpose of the grant, which was to drain and reclaim for settlement and development. At this time, it is impossible to indicate when these suits will terminate. This condition has so complicated land matters, that we have been unable to aid bona fide settlers in securing titles to their homes, which settlements were made in a number of cases, prior to the State having received a patent of the Government. As a result, this department has been forced to decline numerous applications to purchase such lands, for settlement and improvement, which is materially retarding the development and settlement of that part of the State, where the swamp and overflowed lands are located.

From time to time the Trustees have entered into contracts with canal and drainage companies, for the purpose of reclaiming some of the overflowed lands of the State, and as a result of this method, some lands have been drained and reclaimed, but in my humble opinion, formed from observation and reliable information obtained, the results will not show creditably when the amount of lands deeded is compared with the acres properly reclaimed. See table No. 3 for acres conveyed to drainage companies. This office has no record of the number of acres actually drained, and I do not think it would make much of a record if we had it. Before leaving the subject of swamp and overflowed lands, I wish to call attention to Table No. 5, which shows the total number of acres the railroads have received the direct benefit from, by deed and by grant from the United States direct, which makes the enormous sum of 10,437,474.64

acres. In addition to this acreage should be added the acreage deeded to E. N. Dickerson in 1867, for coupons on Florida Railroad bonds, 248,602.98 acres; to Wm. E. Jackson in 1868, for coupons on Florida, Atlantic and Gulf Central R. R. bonds, 113,064.80 acres, and also the 4, 000,000 acres sold to Hamilton Disston; as these lands and the proceeds from these lands, were applied to the payment of interest and the redemption of bonds issued by railroads, the payment of which was guaranteed by the Trustees. For detailed verification of these amounts, see attached Table No. 6. To this should be added the lands belonging to the Internal Improvement Fund proper (which is discussed further on), the proceeds arising from the sale of which is applied to the relief of bonded counties, which had issued bonds for the benefit of certain railroads. This latter item of 191,164 acres being approximated, gives the grand total of 14,990,306.42 acres of the State's holdings, that the railroads of the State have reaped the fruits of, directly or indirectly. By reference to Table No. 6, you can find the small acreage, comparatively speaking, that yet remains to be drained and reclaimed. The railroad and canal companies, as stated above, are appealing to the Federal Courts to give them what remains, regardless of drainage. This brief sketch indicates how the swamp and overflowed lands have been disposed of.

#### HOW THE TRUSTEES BECAME VESTED WITH THE TITLE TO SWAMP LANDS.

Under an Act of the Legislature of 1855, Chapter No. 610, Laws of Florida, will be found the full text of the Internal Improvement Fund, and the creation of the Trustees, their powers and duties. It will be noted that the title to this class of land was "vested irrevocably in the Trustees."

#### LANDS GRANTED TO STATE SPECIALLY FOR RAILROADS.

Act of Congress of May 17, 1856, Chapter 31 of the U. S. Statutes at Large.

Chap. XXXI. "Be it enacted, etc., That there be and is hereby granted to the State of Florida, for the pur-

pose of aiding in the construction of railroads from St. John's river, at Jacksonville, to the waters of Escambia Bay, at or near Pensacola, and from Amelia Island, on the Atlantic, to the waters of Tampa Bay, with a branch to Cedar Key, on the Gulf of Mexico; and also a railroad from Pensacola to the State line of Alabama, in the direction of Montgomery, every alternate section of land designated by odd numbers, for six sections in width on each side of each of said roads and branch. But in case it shall appear that the United States have, when the lines or routes of said roads and branch are definitely fixed, sold any sections, or any parts thereof, granted as aforesaid, or that the right of pre-emption has attached to the same, then it shall be lawful for any agent or agents to be appointed by the Governor of said State, to select, subject to the approval of the Secretary of the Interior, from the lands of the United States nearest to the tiers of sections above specified, so much lands in alternate sections or parts of sections, as shall be equal to such lands as the United States have sold, or otherwise appropriated, or to which the rights of pre-emption have attached as aforesaid; which lands (thus selected in lieu of those sold and to which pre-emption rights have attached as aforesaid, together with the sections and parts of sections designated by odd numbers, as aforesaid, and appropriated as aforesaid), shall be held by the State of Florida for the use and purposes aforesaid: Provided, that the land to be so located shall in no case be further than fifteen miles from the lines of said roads and branch, and selected for and on account of each of said roads and branch: Provided further, That the lands hereby granted for and on account of said roads and branch, severally, shall be exclusively applied in the construction of that road or branch for and on account of which such lands are hereby granted, and shall be disposed of only as the work progresses, and the same shall be applied to no other purpose whatsoever: And provided further, That any and all lands heretofore reserved to the United States by any act of Congress, or in any other manner by competent authority, for the purpose of aiding in any object of internal improvement, or for any other purpose whatsoever, be, and the same are hereby, reserved to the United States from the operation of this act, except so far as it may be found necessary to locate the routes of said railroads or

branch through such reserved lands; in which case the right of way only shall be granted, subject to the approval of the President of the United States."

Certified lists are on file in this office from the United States Land office at Washington, D. C., designating the lands granted to the different roads under said act.

Sec. 448, Revised Statutes, which relates to the confirmation of titles to lands conveyed under this act of Congress. Reference to the attached tables will show the number of acres railroads received under this grant.

### SWAMP LAND INDEMNITY.

See act of Congress of March 2, 1855, and March 3, 1857, (act of 1857 continues in force act of 1855.). Sec. 2, act of March 2, 1855: "Sec. 2. And be it further enacted, that upon due proof, by the authorized agent of the State or States, before the Commissioner of the General Land Office, that any of the lands purchased were swamp lands, within the true intent and meaning of the act aforesaid, the purchase money shall be paid over to the said State or States; and where the lands have been located by warrant or scrip the said State or States shall be authorized to locate a quantity of like amount, upon any of the public lands subject to entry, at one dollar and a quarter per acre, or less, and patents shall issue therefor, upon the terms and conditions enumerated in the act aforesaid: Provided, however, the said decisions of the Commissioner of the General Land Office shall be approved by the Secretary of the Interior."

### HOW PROCEEDS ARE DISPOSED OF.

The proceeds arising from this source, either in lands or cash, were conveyed to the City of Pensacola by act of the Legislature of 1883. See Chapter 3475.

### INTERNAL IMPROVEMENT LANDS.

What we call the "Internal Improvement Lands Proper" are the lands conveyed to the State, under an Act of Congress bearing date of September 4, 1841, and granting 500,000 acres; Section 8 of Chapter XVI, of said Act of September 4, 1841, Page 455, U. S. Statutes at Large,

reads: "Sec. 8. And be it further enacted, That there shall be granted to each State specified in the first section of this Act, five hundred thousand acres of land for purposes of internal improvement; Provided, That to each of the said States which has already received grants for said purposes, there is hereby granted no more than a quantity of land which shall, together with the amount such State has already received as aforesaid, make five hundred thousand acres, the selections in all of the said States to be made within their limits respectively in such manner as the Legislatures thereof shall direct; and located in parcels conformably to sectional divisions and subdivisions, of not less than three hundred and twenty acres in any one location, on any public land except such as is or may be reserved from sale by any law of Congress or proclamation of the President of the United States, which said locations may be made at any time after the lands of the United States in said States respectively, shall have been surveyed according to existing laws. And there shall be and hereby is, granted to each new State that shall hereafter be admitted into the Union, upon such admission, so much land as, including such quantity as may have been granted to such State before its admission, and while under a Territorial Government, for purposes of internal improvement as aforesaid, as shall make five hundred thousand acres of land, to be selected and located as aforesaid."

#### DISPOSITION OF "INTERNAL IMPROVEMENT LANDS."

An Act of the Legislature, Chapter 3474, approved February 16, 1883, directed that the remainder of these lands be set apart and the proceeds from the sale of the same be applied to the payment of certain bonded indebtedness of the counties which had issued bonds for aid in building certain railroads in the State.

The Trustees of the Internal Improvement Fund have accepted and approved said act of the Legislature and have been applying the proceeds arising from the sale of said lands to the bonded indebtedness of the counties referred to in said act, as is more fully shown by the reports of the Trustees of the Internal Improvement Fund.

## LAND AND CASH FOR EDUCATIONAL PURPOSES.

From the United States, the State of Florida derives benefits for educational purposes, in monies and lands; five per cent. of the land sales made by the United States Government of the Government lands in said State are paid to the State of Florida for School purposes, under Act of Congress of March 3, 1845, Chapter 75, page 788, Vol. 5, United States Statutes at Large.

Under the same Act of March 3, 1845, there was granted to the State what we call our "Seminary Lands," the proceeds arising from the sale of which are applied to the benefit of the East Florida Seminary, located at Gainesville, Florida, and the West Florida Seminary (now known as the Florida State College), located at Tallahassee, Florida.

In addition to the above, the same act of March 3, 1845, sets apart every 16th section in every township in the State for public school purposes, and when, for various reasons, the United States Government can not convey the 16th section for school benefit, indemnity for same, in lands or cash, has been granted. These 16th sections are called our "School Lands Proper." I here copy so much of the Act of March 3, 1845, as relates to the above matters for definite information.

Chap. 75, Act of March 3, 1845, Sec. 1:

"Be it enacted, etc., That in consideration of the concessions made by the State of Florida in respect to the public lands, there be granted to the said State eight entire sections of land for the purpose of fixing their seat of Government; also, section number sixteen in every township, or other lands equivalent thereto, for the use of the inhabitants of such township, for the support of such schools; also, two entire townships of land, in addition to the two townships already reserved, for the use of two seminaries of learning. One to be located east, and the other west of the Suwannee river; also, five per centum of the net proceeds of the sale of lands within said State, which shall be hereafter sold by Congress, after deducting all expenses incident to the same; and which said net proceeds shall be applied by said State for the purpose of education."

## SCHOOL INDEMNITY.

The Act of February 26, 1859, relates to indemnity. Copy of said act is as follows:

Chap. 58, Act Congress February 26, 1859. "Be it enacted, etc., That where settlements, with a view to pre-emption, have been made before the survey of the lands in the field which shall be found to have been made on sections sixteen and thirty-six, said sections shall be subject to the pre-emption claim of such settler; and if they, or either of them, shall have been or shall be reserved or pledged for the use of schools or colleges in the State or Territory in which the lands lie, other lands of like quantity are hereby appropriated in lieu of such as may be patented by pre-emptors; and other lands are also hereby appropriated to compensate deficiencies for school purposes, where said sections sixteen or thirty-six are fractional in quantity, or where one or both are wanting by reason of the township being fractional, or from any natural cause whatever; Provided, That the lands by this section appropriated, shall be selected and appropriated in accordance with the principles of adjustment and the provisions of the Act of Congress of May 20, 1826, entitled "An Act to appropriate lands for the support of schools in certain townships and fractional townships not before provided for."

Under Act of Congress of February 28, 1891, the Acts relating to indemnity for school lands were amended, to read as follows:

"Chap. 384. An Act to amend Sections 2275 and 2276 of the Revised Statutes of the United States providing for the selection of lands for educational purposes in lieu of those appropriated for other purposes.

"Be it enacted, etc., That sections twenty-two hundred and seventy-five and twenty-two hundred and seventy-six of the Revised Statutes of the United States be amended to read as follows:

"Sec. 2275. Where settlements with a view to pre-emption or homestead have been, or shall hereafter be made, before the survey of the lands in the field, which are found to have been made on sections sixteen or thirty-six, those sections shall be subject to the claims of such settlers;

"And if such sections, or either of them, have been or shall be granted, reserved or pledged for the use of schools

or colleges in the State or Territory in which they lie, other lands of equal acreage are hereby appropriated and granted, and may be selected by said State or Territory, in lieu of such as may be thus taken by pre-emption of homestead settlers.

"And other lands of equal acreage are also hereby appropriated and granted, and may be selected by said State or Territory where sections sixteen or thirty-six are mineral land, or are included within any Indian, military or other reservation, or are otherwise disposed of by the United States."

For information concerning the amount of revenue derived from the land sales, in these different branches, reference is made to the tabulated statements in this report relating to the same.

#### STATEMENT SHOWING THE WORK IN THE LAND OFFICE, AND THE METHODS OF CONDUCTING THE SAME.

The impression prevails among intelligent people who are not familiar with the character of work done in the land department, that the labor required to conduct this branch of the office, has been reduced in proportion to the reduction of acreage controlled by the State. The facts and figures presented below demonstrate the futility of this idea. The acreage has been materially increased during the last two years through patents issued by the United States Government to the State, which is shown by reference to attached Table No. 7. While our tables show the number of entries made, acres sold and cash received, in the conduct of the various land funds, yet it is well to draw a fair comparison between the last four years and the four years immediately preceding. On examination of the records for the four years beginning January 1st, 1897, and ending December 31st, 1900, we find the number of deeds issued was 649. For the four years beginning January 1st, 1901, and ending December 31st, 1904, the number of deeds issued was 748. For the same periods, our letter books show, letters written for the first period, 9,540; for the second period, 13,556. Total number of acres sold for the first period, 106,732.31, and for the second period, 707,338.25. Amount of cash value for the first period, \$100,427.96; for the second period \$631,757.96. The second period of four years shows:

a decided increase in every point compared. On deeds, net increase of 99, letters 4,016, acres 600,605.94, dollars \$531,330.00. When we remember that the swamp and overflowed lands have been tied up in litigation much of the time covered by the last four years used in the comparison, the results are positive that our work has not decreased.

The increase of population, new business enterprises and consequent increase in the value of lands, has done much to cause a thrifty business interest in lands. If the State had little or no lands to sell, the demands on the land office would be reduced but little. The different boards controlling the State's lands, having directed this department to advance the standard of prices very materially, has of course checked the number of sales recently, but it has not lessened the number of inquiries; on the contrary, it has increased the correspondence perceptibly, as it requires more correspondence to complete a transaction. The increased interest in real estate must naturally call for more inquiries concerning our records, on lands heretofore disposed of. The correspondence serves only as an index to the number of record investigations made, but can not explain that one letter often demands the time of a clerk for an entire day, and in some cases, all the extra time he can spare from pressing routine work, for more than a week. As time advances, population will multiply, business prosper and lands become more valuable. In the same ratio will record research increase. When those of us who are now acting a part in the work being done, have passed from the stage of action, the State land office will be importuned daily for record information.

#### THE TRACT BOOKS.

As indicated in my last report, we have one clerk, Mr. John T. Costa, working on a complete abstract, or set of abstract books, which will show the original entryman either from the State or from the United States Government. As he progresses with the work, the more perfect the evidence, that it is an indispensable adjunct to the land office. The many errors developed, even in the United States Land Office at Gainesville and at Washington, demonstrate the necessity for completing this record. We are

in constant correspondence with these two Government offices concerning numerous tracts that are in evident conflict. Mr. Costa is taking pride in this work, his experience in the land department and his gift as a draughtsman combine to make him a very efficient man for the work. I am glad to advise that he is making good progress. Often we are compelled to take him from this work, on account of the press of daily demands upon the department for information, which the remainder of the office force are unable to complete in the prompt manner the people expect, and that I feel they are entitled to have.

Mr. J. M. Dell, our efficient clerk in the United States Land Office at Gainesville, Florida, furnishes us each year, with a list by counties, of the perfected entries in that office, which we supplement with the sales in this office and then transmit the completed list to the Comptroller, that he may send same to the different county assessors, to be placed on their assessment books for taxation. The principal work of the clerk in the Gainesville Land Office is to furnish data showing the original entries made by the Government office, to dovetail into the State's entries in the formation of the tract books. He occupies a position in the Gainesville office by special permit of the General Land Office at Washington, D. C., which was granted upon the recommendation of Messrs, Robinson and Chubb, register and receiver of the United States Land Office at Gainesville, Florida. We are debtor to each of these gentlemen for courtesies extended us in the State Land Office from week to week, when they could render our work much more difficult and expensive.

#### THE METHODS PURSUED TO OBTAIN PATENTS.

The State, through its agents, inspect any lands yet owned by the Government, procures two affidavits to prove that the greater part of each legal subdivision (or forty-acre tract), is swamp and overflowed, or of such a character as to accrue to the State, under the Act of September 28, 1850. These original lists are prepared and furnished the inspecting agent in this office. The selections, with affidavits, are filed with us; we make duplicate copies of the lists and forward them with the affidavits to the United States Surveyor-General, who inspects the same and approves or rejects. If rejected by the Surveyor-Gen-

eral, it ends the matter for the State, unless there is an appeal taken, and our experience indicates this to be futile. If approved, he forwards such lists as he may approve, to the General Land Office at Washington, D. C. If no conflicts are found, or no excuse whatever can be advanced to disallow the selection, they send an agent to the State, who inspects each forty-acre tract. Should he approve, the United States Land Office, after a time, will review the list again, and if no claim to enter as a homestead has developed, they issue an approved list, upon which the Governor of the State makes a request for patent, and if nothing intervenes in the meantime, when the General Land Office sees fit to do so, a patent will issue to the State. The constant notices of contests and counter claims and advice to present proofs in remote parts of the State, or to waive our right to the land, are a heavy drain upon the mind and time of those engaged in the land office.

As expressed in my last report, the General Land Office is growing more and more strict in regard to issuing patents to the State. I am not able to guess from what is done in one case what will be discovered by the next list we file, upon which the State's claim will be disallowed. From reliable information given me, I feel satisfied that very many entries are being made on lands through the Government office, that are unquestionably swamp and overflowed lands, under the meaning of the Act of September 28, 1850. I am advised these lands are being entered by and for the benefit of timber and turpentine companies that they may use the timber from them. In many instances, no doubt the timber will be removed, destroying the value of the lands and then they will be discarded. At this time, with present conditions, it is nearly worth the lands to make the proof and place in proper line for a patent.

#### TRESPASS ON STATE LANDS.

I have done what I could, and will continue, to protect the State's lands from trespass. This has gone on with such a freedom for years and years until many regard it as proper to use the timber from State lands when desired. I have advised the sheriffs of the different counties where the State has lands, as to their duties under the law. Gov-

ernor Jennings addressed a letter; at my request, to all sheriffs and others whose duty it should be to guard the State's interest in such matters. But I feel sure these depredations are still being perpetrated, but to a much less degree than in the past. The school lands are more generally trespassed upon at present, as we have more of them that are timbered; and the School Board holds that they can not use any of the proceeds from the sale of these lands to protect them, or to have them investigated and the timber attached. This position was never held until recently. Such being the situation, I am helpless to do anything toward protecting these lands, for officers or others will not spend their time and efforts for the love they may have for the State, and they should not be expected to do so. Our only hope is that the prosecuting attorneys, sheriffs and circuit judges will impress the matter upon the grand juries of the various counties.

#### ENTRIES UNDER THE INSTALLMENT PLAN.

I am convinced that entries under Sections 449 to 453 of the Revised Statutes is much abused. It was intended to aid the poor man who had settled on a piece of land and established a home (which practice was very common in years past), to obtain title on easy terms. I found that turpentine men had furnished the means for their laborers to make the first payment and they at once commenced operating the timber, never expecting to complete the entry, at least they were not doing so. I canceled the entries when sufficient proof could be obtained to justify the action. I fear these sections of our law are fraught with more evil than good.

#### HOW FUNDS ARISING FROM LAND SALES ARE DISPOSED OF.

The funds that come into this office for lands, are disposed of, under the rules in operation, as follows: No deed relating to any of the different lands belonging to the different school funds is signed by the State Treasurer, until the cash has been covered into the treasury, he withholding his signature until the draft or check has been paid. The same rule is applied, through the State Comptroller, to deeds covering any of the Internal Im-

provement lands, under control of the Trustees. Under this system no monies paid for lands can possibly be diverted from their proper place.

At the end of each month we prepare a statement from our records, of all sales for the month, which is checked up by the State Treasurer and signed by him, which proves our records absolutely in balance.

### REMARKS AND RECOMMENDATIONS.

In the presentation of the different subjects discussed in this report, it has been my endeavor to present each branch of the business in as clear a manner as space will admit of. In the narrative, I have given facts and true conditions as I see them. The tables are as full and complete as I think could be looked for by those wishing definite data. Apply the tables to the written matter and they will be found, the one supporting the other. There is no juggling of figures or varnishing the facts. The two represent the manner in which we have endeavored to perform our duty to the people of the State. If more has been expected, we can only regret; if the work comes up to the public demand, we are content. I wish to call special attention to the tables connected with the land report. These, I feel, are the most complete tabulated statements of the land records that have ever been presented in a report on our public lands.

### SUGGESTIONS OR RECOMMENDATIONS.

The book recently presented to the public on the resources, climate, etc., of Florida, as an immigration pamphlet, will not supply the demand for it, until this I now write has been printed. The Legislature gave the department only \$750.00 for this work. We could only print one thousand copies for this small sum. I think the Legislature could not do better than to appropriate a sum sufficient to have at least ten thousand copies printed, to be used as an immigration document, and to go to our own people who desire a copy. The Department of Agriculture is the bureau of immigration, under our law. The Commissioner is required by law to publish such information as will aid in giving facts to those wishing information concerning the State. He can not comply if no funds are

appropriated for his use. Besides, it should be remembered, this department does not come as a beggar for revenue out of the general revenue fund raised by usual methods of taxation, for it is furnishing to the State more revenue than is required to defray the whole expense of the department in all its branches, except lands. We could revise and bring up to date with but little labor, comparatively speaking, for a new issue of the pamphlet. The great work of collecting data having been completed at the expense of many weeks of diligent work, now is the time to utilize this labor to advantage.

"Let there be honor to whom honor is due," is an old adage. I feel that due credit for this valuable work on Florida should be given Mr. Henry S. Elliot, the clerk in the Agricultural and Statistical branch of this department. While we discussed the plan and methods to be followed, to Mr. Elliot is due the credit, for he did all of the detail work in compiling and writing the book. We have no funds to employ outside help, and my duties are so diversified that I could give the subject but little time.

The State maps we have issued have been in great demand, at home and abroad. The 5,000 allowed printed by the last Legislature are fast disappearing. I request that the Legislature authorize the printing of 5,000 more maps for public distribution as heretofore. The map company agree to print us another edition of 5,000 maps, with some slight changes of the plate (which we will make), for \$550.00. This is \$100 less than for the last issue. The amount appropriated for mounted maps for our public schools was very much appreciated by the teachers and pupils. We only had enough to supply about 60 per cent. of the schools then in existence, and allow but one to each school. The map company offers to furnish us 1,000 mounted maps, as before, for \$300.00. No school room should be without a mounted map of the State in it, for the pupils to see practically before them each lesson, the State they are studying, and in which they live. I request \$450.00 for 1,500 mounted maps for our schools.

For many years the School Fund has paid a clerk in the land department, on the theory that the school lands proper, and seminary lands, should pay their pro rata of the expense incident to the land office. The School Board are now of the opinion that the Legislature should pay this clerk directly out of the general revenue fund, by leg-

lative appropriation. The Attorney-General advising, as I understand, that neither the lands nor the proceeds from the sale of such lands can be used to defray the expense of sale, issuing deeds, etc., incident to handling the lands. I therefore am forced to ask that an appropriation of \$1,200 per annum be made to pay a clerk in the school land department.

From the work and results in the Fertilizer and Prison branch, it is evident that the sum of \$1,500 per annum is a moderate request for a clerk capable of doing this work correctly and promptly.

The appropriations for the printing, etc., in the Agricultural Department, as presented by the Comptroller, are necessary to conduct the bureau, as we are running short of funds each year to carry out the legal requirements placed on us to perform. I will present to the appropriation committee of the Legislature a detailed statement of the amounts needed.

I can not close without expressing my sincere appreciation for the loyal support of the entire clerical force connected with this department, in an effort to give the public prompt and efficient service.

Table No. 1.—Statement of Lands Claimed by, and Conveyed to, Constructed Railroads, Claiming Lands Other Than Alternate Sections.

| Name of Railroad.                                                                                                                              | Miles claimed as constructed. | Acres Claimed.          |                                                                                 | Acres Deeded.                               |                                                             |                     | Acres Claimed.                          |                                           |                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------|---------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------------------------|---------------------|-----------------------------------------|-------------------------------------------|-------------------------------------|
|                                                                                                                                                |                               | Acres claimed per mile. | Total acres claimed, in addition to alternate sections in 6 and 20 mile limits. | Acres deeded other than alternate sections. | Acres deeded in alternate sections in 6 and 20 mile limits. | Total acres deeded. | Claimed and not deeded in certificates. | Claimed and not in deeds or certificates. | Total acres claimed and not deeded. |
| Florida Southern Railway, formerly Gainesville, Ocala and Charlotte Harbor R. R. ....                                                          | 282                           | 10,000                  | 2,882,200.00                                                                    | 2,448,498.54                                | 173,863.91                                                  | 2,622,362.45        | 131,711.18                              | 301,990.28                                | 433,701.46                          |
| Jacksonville, Tampa and Key West Ry., formerly Tampa, Peace Creek and St. Johns River R. R. ....                                               | 130 3-10                      | 10,000                  | 1,303,000.00                                                                    | 1,283,303.52                                | 189,008.54                                                  | 1,472,312.06        | None.                                   | 19,696.62                                 | 19,696.62 *                         |
| Silver Springs, Ocala and Gulf R. R. ....                                                                                                      | 65.15                         | 10,000                  | 651,500.00                                                                      | 338,401.63                                  | 1,405.51                                                    | 339,807.14          | 155,743.82                              | 157,354.55                                | 313,098.37                          |
| Pensacola and Atlantic R. R. ....                                                                                                              | 161                           | 20,000                  | 3,220,000.00                                                                    | 1,782,605.23                                | 56,267.30                                                   | 1,838,872.53        | 420,017.78                              | 1,017,376.99                              | 1,437,394.77                        |
| Palatka and Indian River Ry. ....                                                                                                              | 70                            | 6,000                   | 420,000.00                                                                      | 285,277.45                                  | 127,094.39                                                  | 412,371.84          | 134,400.00                              | 322.55                                    | 134,722.55                          |
| Carrabelle, Tallahassee and Georgia R. R., formerly Augusta, Tallahassee and Gulf R. R.; formerly Thomasville, Tallahassee and Gulf R. R. .... | 48.82                         | 15,000                  | 732,300.00                                                                      | 146,945.60                                  | None.                                                       | 146,945.60          | 72,849.18                               | 513,005.22                                | 585,354.40                          |

|                                                                                          |         |        |               |              |            |              |            |              |              |
|------------------------------------------------------------------------------------------|---------|--------|---------------|--------------|------------|--------------|------------|--------------|--------------|
| Blue Springs, Orange City and Atlantic R. R.                                             | 28 1/2  | 5,000  | 141,866.66    | 50,890.74    | 67,608.25  | 118,498.99   | None.      | 90,775.92    | £0,775.92    |
| South Florida R. R. (from Sanford to Kissimmee)                                          | 40      | 3,840  | 153,600.00    | 60,424.71    | 4,767.36   | 65,192.07    | None.      | 93,175.29    | 93,175.29    |
| Florida East Coast R. R., formerly Jacksonville, St. Augustine & Indian River R. R. .... | 255     | 8,000  | 2,040,000.00  | None.        | None.      | None.        | None.      | 2,040,000.00 | 2,040,000.00 |
| Atlantic Suwannee River and Gulf R. R. ....                                              | 20      | 10,000 | 200,000.00    | None.        | None.      | None.        | None.      | 200,000.00   | 200,000.00   |
| St. Cloud and Sugar Belt R. R. ....                                                      | 15 4-10 | 3,840  | 59,136.00     | None.        | None.      | None.        | None.      | 59,136.00    | 59,136.00    |
| Tallahassee South Eastern R. R., formerly Georgia, Florida and Western R. R. ....        | 20      | 10,000 | 200,000.00    | None.        | None.      | None.        | None.      | 200,000.00   | 200,000.00   |
| Total .....                                                                              |         |        | 12,003,402.66 | 6,896,347.42 | 620,015.26 | 7,016,362.68 | 914,221.96 | 4,692,833.42 | 5,607,055.38 |

\* Note.—14-100 acres excess deeded on road from Kissimmee to Tampa, and this acreage is claimed on road from Jacksonville to Palatka.

**TABLE NO. 2—RECAPITULATION OF ALL SWAMP  
AND OVERFLOWED LANDS CONVEYED TO  
RAILROADS TO JANUARY 1, 1905.**

(Lands included in certificates, which have not been  
deeded to railroads; are not embraced in this state-  
ment.)

| Name of Railroad.                                                                                              | Acres.       |
|----------------------------------------------------------------------------------------------------------------|--------------|
| Alabama and Florida (from Pensacola to<br>Georgia line) .....                                                  | 27,613.32    |
| East Fla. Railway Company (Jacksonville to<br>St. Marys River) .....                                           | 15,731.29    |
| Fernandina and Jacksonville Ry. Co. ....                                                                       | 23,649.98    |
| Florida, Atlantic and Gulf Central (Jackson-<br>ville to Lake City) .....                                      | 164,568.21   |
| Florida Railroad (Fernandina to Cedar Key<br>and from Waldo to Tampa) .....                                    | 505,144.14   |
| Florida Midland Railway Company .....                                                                          | 12,856.79    |
| Green Cove Springs and Melrose Ry. Co. ....                                                                    | 7,781.48     |
| Jacksonville, St. Augustine and Halifax River<br>Railroad Company .....                                        | 56,782.15    |
| Jacksonville and Atlantic R. R. Company....                                                                    | 21,501.62    |
| Jacksonville, Mayport, Pablo Railway and<br>Navigation Company .....                                           | 10,837.88    |
| Live Oak and Rowlands Bluff R. R. Company.                                                                     | 3,253.21     |
| Orange Belt Railway Company .....                                                                              | 88,687.92    |
| Pensacola and Georgia Railroad (Lake City to<br>Tallahassee) .....                                             | 65,561.77    |
| St. Johns and Lake Eustis Railroad .....                                                                       | 14,725.90    |
| Sanford and Indian River Railroad Co. ....                                                                     | 6,192.88     |
| St. Johns and Halifax Railroad, changed to St.<br>Johns and Halifax River Railroad Co. ....                    | 110,398.58   |
| St. Augustine and Palatka Railway Co. ....                                                                     | 41,510.29    |
| St. Johns Railway Company .....                                                                                | 42,315.16    |
| Tavares, Orlando and Atlantic Railroad Co..                                                                    | 4,002.44     |
| Western Railway of Florida (lands not recon-<br>veyed) .....                                                   | 2,840.00     |
| Florida Southern Railway, formerly Gaines-<br>ville,, Ocala and Charlotte Harbor Railroad.                     | 2,622,362.45 |
| Jacksonville, Tampa and Key West Railway,<br>formerly Tampa, Peace Creek and St. Johns<br>River Railroad ..... | 1,472,312.06 |
| Silver Springs, Ocala and Gulf Railroad .....                                                                  | 339,807.14   |
| Pensacola and Atlantic Railroad .....                                                                          | 1,838,872.53 |

TABLE No. 2—Continued.

|                                                                                                                                                                   |              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Palatka and Indian River Railway.....                                                                                                                             | 412,371.84   |
| Carrabelle, Tallahassee and Georgia Railroad,<br>formerly Augusta, Tallahassee and Gulf<br>Railroad; formerly Thomasville, Tallahassee<br>and Gulf Railroad ..... | 146,945.60   |
| Blue Springs, Orange City and Atlantic Rail-<br>road .....                                                                                                        | 118,498.99   |
| South Florida Railroad (from Sanford to Kis-<br>simmee) .....                                                                                                     | 65,192.07    |
| Total .....                                                                                                                                                       | 8,242,317.69 |

**TABLE NO. 3—STATEMENT OF SWAMP AND OVERFLOWED LANDS CONVEYED TO CANAL AND DRAINAGE COMPANIES.**

| Name of Company.                                                    | Acres.              |
|---------------------------------------------------------------------|---------------------|
| H. L. Hart, for removing obstructions from<br>Ocklawaha River ..... | 23,356.18           |
| Atlantic and Gulf Coast Canal and Okeechobee<br>Land Company .....  | 1,652,711.80        |
| Florida Coast Line Canal and Transportation<br>Company .....        | 595,778.69          |
| Etoniah Canal and Drainage Company.....                             | 4,326.47            |
| Total .....                                                         | <u>2,276,173.14</u> |

TABLE NO. 4.

## STATEMENT OF LANDS IN CERTIFICATES ISSUED TO RAILROAD COMPANIES.

| NAME OF COMPANY                     | Total Acres<br>in<br>Certificates | Acres<br>Deeded to<br>Railroads | Acres<br>Patented<br>and not<br>Deeded | Acres Deeded to<br>Private Parties | Acres not Patent-<br>ed to the State<br>and not Deeded |
|-------------------------------------|-----------------------------------|---------------------------------|----------------------------------------|------------------------------------|--------------------------------------------------------|
| Florida Southern .....              | 148,614.81                        | 16,903.63                       | 2,776.74                               | 661.20                             | 128,273.24                                             |
| Pensacola & Atlantic.....           | 777,379.64                        | 357,361.86                      | 369,960.89                             | 36,541.84                          | 13,515.05                                              |
| Silver Springs, Ocala & Gulf.....   | 155,743.82                        | .....                           | 76,554.31                              | 15,179.80                          | 64,009.71                                              |
| Palatka & Indian River.....         | 134,400.00                        | .....                           | 134,400.00                             | .....                              | .....                                                  |
| Carrabelle, Tallahassee & Gulf..... | 108,971.18                        | 36,622.00                       | 37,500.64                              | 4,607.62                           | 30,240.92                                              |
| Total .....                         | 1,325,109.45                      | 410,887.49                      | 621,192.58                             | 56,990.46                          | 236,038.92                                             |

TABLE NO. 5—NUMBER OF ACRES APPROVED  
DIRECT BY THE UNITED STATES TO RAIL-  
ROADS IN FLORIDA, UNDER ACT OF  
CONGRESS OF MAY 17, 1856.

| Name of Railroad.                                                                                                           | Acres.        |
|-----------------------------------------------------------------------------------------------------------------------------|---------------|
| Alabama & Florida (from Pensacola to Ala-<br>bama line) .....                                                               | 166,691.08    |
| Pensacola & Georgia (from Lake City to Pen-<br>sacola) .....                                                                | 1,273,105.37  |
| Fla. Atlantic & Gulf Central (from Jackson-<br>ville to Lake City) .....                                                    | 29,103.74     |
| Florida Railroad (from Fernandina to Cedar<br>Key) .....                                                                    | 290,183.28    |
| Florida Central & Peninsular (from Waldo to<br>Tampa) .....                                                                 | 436,073.48    |
| Total approved direct by the United States.                                                                                 | 2,195,156.95  |
| Total acres conveyed to railroads by the Trus-<br>tees of the Internal Improvement Fund of<br>Florida .....                 | 8,242,317.69  |
| Grand total to railroads.....                                                                                               | 10,437,474.64 |
| Total acres conveyed to Canal and Drainage<br>Companies by the Trustees of the Internal<br>Improvement Fund of Florida..... | 2,276,173.14  |
| *(Lands not deeded to railroads, although claimed in cer-<br>tificates, are not included in the above estimates.)           |               |

**TABLE NO. 6—STATEMENT SHOWING THE STATUS OF ALL SWAMP AND OVERFLOWED LANDS PATENTED TO THE STATE PRIOR TO JAN. 1, 1905, UNDER ACT OF CONGRESS OF SEPT. 28, 1850.**

|                                                                                                                                                                                                                                                                                   |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Number of acres patented to the State .....                                                                                                                                                                                                                                       | 20,133,900.67 |
| Number of acres conveyed to railroad companies .....                                                                                                                                                                                                                              | 8,242,317.69  |
| Number of acres deeded to canal and drainage companies .....                                                                                                                                                                                                                      | 2,276,173.14  |
| Number of acres deeded E. N. Dickerson in 1867 for coupons on Florida R. R. bonds, which fell due prior to 1866..                                                                                                                                                                 | 248,602.98    |
| Number of acres deeded Wm. E. Jackson in 1868 for coupons on Florida Atlantic and Gulf Central R. R. bonds.....                                                                                                                                                                   | 113,064.80    |
| Wells & Randolph, agents of the State to select swamp and overflowed lands, under contract with the Governor of Florida of Nov. 8, 1851, received the proceeds from sale of about .....                                                                                           | 100,000.00    |
| Number of acres deeded on account of L. G. Dennis, agent of the State to procure and receive patents for swamp and overflowed lands at Washington, under contract with the Governor of Florida of Nov. 10, 1875 (see orders of trustees of July 5, 1881 and April 14, 1883) ..... | 5,800.27      |
| Number of acres deeded on account of Williams & Swann, agents of the State, to select swamp and overflowed lands under contract with the Trustees of the Int. Imp. Fund of March 5, 1871 .....                                                                                    | 39,480.27     |

TABLE No. 6—Continued.

|                                                                                                                                                                                                                                         |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| (Other lands were deeded on account of W. & S. under above contract, belonging to the Int. Imp. Fund proper, embracing 4,837.98 acres for \$6,155.73, are not embraced in this statement, as they were not swamp and overflowed lands.) |            |
| Number of acres deeded on account of Williams, Swann and Corley, agents of the State to select swamp and overflowed lands under contract with the Trustees of the Int. Imp. Fund of May 18, 1873.....                                   | 13,542.61  |
| (Other lands were deeded on account of W., S. & C., under above contract, belonging to the Int. Imp. Fund proper, amounting to 15,163.56 acres, which are not embraced in this statement, as they were not swamp and overflowed lands.) |            |
| Number of acres deeded on account of Sydney I. Wailes, agent of the State to procure patents for swamp and overflowed lands at Washington, under contracts with the Trustees of the Int. Imp. Fund of April 13 and Oct. 19, 1878....    | 224,562.80 |
| Number of acres deeded on account of John A. Henderson agent of the State to select swamp and overflowed lands under contract with the Trustees of the Int. Imp. Fund, of March 15, 1884 .....                                          | 161,134.68 |
| (Other lands were deeded on account of J. A. Henderson, amounting to 3,685.72 acres,                                                                                                                                                    |            |

TABLE No. 6—Continued.

|                                                                                                                                                                                            |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| which have not been patented and are not embraced in this statement, as they are not patented.)                                                                                            |               |
| Number of acres deeded on account of S. W. Teague, agent of the State to select swamp and overflowed lands under contract with the Trustees of the Int. Imp. Fund, of March 22, 1902 ..... | 5,778.37      |
| Number of acres deeded in Diss-ton sale .....                                                                                                                                              | 4,000,000.00  |
| Number of acres deeded to all other persons .....                                                                                                                                          | 1,723,203.60  |
| Total disposed of .....                                                                                                                                                                    | 17,153,661.21 |
| Leaving balance on hand, Jan. 1, 1905 .....                                                                                                                                                | 2,980,239.46  |
| [ Agri 27                                                                                                                                                                                  |               |

TABLE No. 7—SWAMP AND OVERFLOWED LANDS

Since the first day of January, 1903, the following Patents for Swamp and Overflowed Lands have been received from the United States, to-wit:

|                                                                                                                                              | Acres.        |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Patent No. 137, Gainesville District.....                                                                                                    | 2,862,280.00  |
| Patent No. 138, Gainesville District.....                                                                                                    | 295.63        |
| Patent No. 139, Gainesville District.....                                                                                                    | 1,749.96      |
| Patent No. 140, Gainesville District.....                                                                                                    | 2,700.00      |
| Patent No. 141, Gainesville District.....                                                                                                    | 40.11         |
| Patent No. 142, Gainesville District.....                                                                                                    | 2,928.19      |
| Patent No. 143, Gainesville District.....                                                                                                    | 2,339.03      |
| Patent No. 144, Gainesville District.....                                                                                                    | 4,647.31      |
| Patent No. 145, Gainesville District.....                                                                                                    | 9,042.91      |
| Patent No. 146, Gainesville District.....                                                                                                    | 2,253.89      |
| Patent No. 147, Gainesville District.....                                                                                                    | 1,516.77      |
| Patent No. 148, Gainesville District .....                                                                                                   | 2,343.94      |
| Patent No. 149, Gainesville District.....                                                                                                    | 3,620.99      |
| Patent No. 150, Gainesville District.....                                                                                                    | 113,648.91    |
| Patent No. 151, Gainesville District.....                                                                                                    | 63.25         |
| Total .....                                                                                                                                  | 3,009,469.99  |
| Quantity previously patented,<br>as shown by report of Com-<br>missioner of Jan. 1, 1903...                                                  | 17,124,430.68 |
| Making total patents received.                                                                                                               | 20,133,900.67 |
| The quantity disposed of prior<br>to Jan. 1, 1903, as shown by<br>last report of Commissioner,<br>less 88,933.41 acres recon-<br>veyed ..... | 16,733,068.15 |
| Amount sold in 1901, embraced<br>in patents received in 1903,<br>not deducted in last report,<br>as land had not then been<br>patented ..... | 205,285.00    |
| Amount conveyed to S. W.<br>Teague in 1903 .....                                                                                             | 606.05        |
| Amount sold in 1903.....                                                                                                                     | 109,732.14    |
| Amount sold in 1904 .....                                                                                                                    | 4,600.39      |
| Amount conveyed to S. W.<br>Teague in 1904 .....                                                                                             | 5,778.37      |

TABLE No. 7—Continued.

|                                                                                                                                                  |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Amount conveyed J. A. Henderson in 1904, (98,276.83 acres, of which 3,685.72 acres have not been patented, leaving 94,591.11 patented) . . . . . | 94,591.11     |
| Total disposed of up to Jan. 1, 1905 . . . . .                                                                                                   | 17,153,661.21 |
| Leaving balance on hand Jan. 1, 1905 . . . . .                                                                                                   | 2,980,239.46  |

TABLE NO. 8.

List of Swamp and Overflowed Lands Sold During the Years  
1903 and 1904.

| 1903.         |            |              | 1904.         |          |             |
|---------------|------------|--------------|---------------|----------|-------------|
| No.<br>Entry. | Acres.     | Amount.      | No.<br>Entry. | Acres.   | Amount.     |
| 15,791        | 6.40       | \$ 6.40      | 15,863        | 536.73   | \$ 805.10   |
| 15,792        | 28.65      | 14.33        | 15,864        | 40.00    | 20.00       |
| 15,793        | 3,600.00   | 3,000.00     | 15,865        | 1,920.00 | 960.00      |
| 15,794        | 700.00     | 1,000.00     | 15,871        | 40.14    | 40.14       |
| 15,822        | 76.08      | 26.62        | 15,873        | 75.02    | 187.55      |
| 15,824        | 11,520.00  | 3,456.00     | 15,877        | 78.20    | 97.75       |
| 15,825        | 11,520.00  | 3,456.00     | 15,881        | 240.00   | 300.00      |
| 15,826        | 11,520.00  | 3,456.00     | 15,882        | 1,192.44 | 1,490.55    |
| 15,827        | 11,520.00  | 3,456.00     | 15,883        | 39.79    | 79.58       |
| 15,828        | 11,520.00  | 3,456.00     | 15,884        | 40.00    | 50.00       |
| 15,829        | 11,520.00  | 3,456.00     | 15,885        | 40.00    | 50.00       |
| 15,830        | 8,480.00   | 2,544.00     | 15,888        | 39.89    | 99.73       |
| 15,831        | 22,400.00  | 6,720.00     | 15,889        | 63.25    | 79.06       |
| 15,834        | 1,120.00   | 1,400.00     | 15,890        | 120.00   | 150.00      |
| 15,836        | 3,836.93   | 2,877.70     | 15,891        | 41.43    | 51.79       |
| 15,841        | 44.08      | 44.08        | 15,892        | 80.00    | 80.00       |
| 15,844        | 320.00     | 320.00       | 15,899        | 13.50    | 27.00       |
| Total 1903    | 109,732.14 | \$ 38,689.15 | Total 1904    | 4,600.39 | \$ 4,568.25 |

\*The missing numbers are Internal Improvement Lands. See  
Tables 11 and 12.

**TABLE NO. 9—SWAMP AND OVERFLOWED LAND  
CONVEYED TO E. W. TEAGUE UNDER ORDER  
OF TRUSTEES OF MAY 16 AND NOV. 11,  
1903, IN PAYMENT FOR SERVICES IN-  
SPECTING LANDS IN PLACE WITH  
GOVERNMENT AGENT.**

| Date of Entry.                                                                                                                                                                                                                            | No. of Entry. | Acres           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------|
| December 15, 1903 .....                                                                                                                                                                                                                   | 15,850        | 240.21          |
| December 15, 1903 .....                                                                                                                                                                                                                   | 15,851        | 206.78          |
| December 15, 1903 .....                                                                                                                                                                                                                   | 15,852        | 159.06          |
| Total .....                                                                                                                                                                                                                               |               | <u>606.05</u>   |
| Swamp and overflowed lands conveyed to S. W. Teague under order of Trustees of March 22, 1902, and July 29, 1904, in part payment for services for making selections of swamp and overflowed lands, as per entry No. 15,875,              |               |                 |
| July 29, 1904 .....                                                                                                                                                                                                                       |               | 5,617.12        |
| As per entry No. 15,893, December 13, 1904.....                                                                                                                                                                                           |               | <u>161.25</u>   |
| Total .....                                                                                                                                                                                                                               |               | <u>5,778.37</u> |
| Swamp and overflowed lands conveyed on account of John A. Henderson, State agent, under contract with Trustees of March 15, 1884, and orders of Trustees of Nov. 15, 1897, and Dec. 28, 1904, as per entry No. 15,898, Dec. 28, 1904..... |               |                 |
|                                                                                                                                                                                                                                           |               | 98,276.83       |
| (Of which 3,685.72 acres have not yet been patented.)                                                                                                                                                                                     |               |                 |

TABLE NO. 10—SWAMP LAND INDEMNITY.

The quantity of lands located by the respective owners of Swamp Land Indemnity Certificates, which have been patented to the State, is as follows:

|                                                                                                                                                  | Acres.    |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Amount as per last report.....                                                                                                                   | 85,333.38 |
| Supplement "E" to Special Indemnity Patent No. 4 .....                                                                                           | 207.43    |
| Supplement "B" to Indemnity Patent No. 4 .....                                                                                                   | 6,116.13  |
|                                                                                                                                                  | 6,323.56  |
| Total .....                                                                                                                                      | 91,656.94 |
| Of which, there has been conveyed by the State to the owners of the certificates, or to such persons as they direct, as shown by last report.... | 56,186.92 |
| Conveyed during the years 1903 and 1904 .....                                                                                                    | 31,303.58 |
| Total .....                                                                                                                                      | 87,490.50 |

TABLE NO. 11.—INTERNAL IMPROVEMENT LANDS.

Granted Under Act of Congress September 4, 1841.

|                                                        | Acres.    |
|--------------------------------------------------------|-----------|
| Amount on hand January 1, 1903 (actual calculation)... | 31,938.19 |
| Amount sold during 1903.....                           | 14,948.56 |
| Amount sold during 1904.....                           | 1,643.21— |
| Balance on hand January 1, 1905.....                   | 15,346.42 |

List of Internal Improvement Lands Sold During the Years 1903 and 1904.

| 1903.      |           |              | 1904.      |          |             |
|------------|-----------|--------------|------------|----------|-------------|
| No. Entry. | Acres.    | Amount.      | No. Entry. | Acres.   | Amount.     |
| 15,795     | 40.13     | \$ 50.16     | 15,856     | 40.22    | \$ 50.27    |
| 15,797     | 39.87     | 49.84        | 15,857     | 40.63    | 50.79       |
| 15,799     | 40.47     | 50.59        | 15,858     | 40.22    | 50.28       |
| 15,800     | 2,657.72  | 1,727.51     | 15,859     | 40.22    | 50.28       |
| 15,801     | 40.00     | 50.00        | 15,860     | 201.53   | 201.53      |
| 15,802     | 40.07     | 50.09        | 15,861     | 40.40    | 50.50       |
| 15,805     | 40.12     | 50.15        | 15,862     | 120.90   | 151.13      |
| 15,817     | 440.67    | 550.84       | 15,865     | 40.07    | 50.09       |
| 15,818     | 180.00    | 96.00        | 15,866     | 40.00    | 50.00       |
| 15,819     | 73.81     | 73.81        | 15,869     | 40.00    | 50.00       |
| 15,821     | 45.33     | 58.66        | 15,872     | 367.97   | 367.97      |
| 15,823     | 8,837.76  | 8,837.76     | 15,876     | 40.11    | 50.14       |
| 15,832     | 1:6 55    | 94.91        | 15,878     | 304.00   | 481.12      |
| 15,833     | 80.61     | 80.61        | 15,880     | 40.00    | 50.00       |
| 15,835     | 645.45    | 484.09       | 15,894     | 78.94    | 157.88      |
| 15,837     | 40.12     | 60.18        | 15,896     | 40.00    | 80.00       |
| 15,840     | 120.35    | 150.54       | 15,897     | 47.98    | 95.96       |
| 15,842     | 678.67    | 678.67       |            |          |             |
| 15,846     | 40.22     | 50.28        | Total 1904 | 1,563.19 | \$ 2,037.94 |
| 15,847     | 40.01     | 50.01        |            |          |             |
| 15,848     | 78.88     | 78.88        |            |          |             |
| 15,853     | 39.95     | 49.94        |            |          |             |
| 15,854     | 39.95     | 49.94        |            |          |             |
| 15,855     | 180.52    | 200.65       |            |          |             |
| Total 1903 | 14,547.23 | \$ 13,672.11 |            |          |             |

\* The missing numbers are Swamp or Installment Entries. See Tables Nos. 8 and 12.

TABLE NO. 12.

List of Internal Improvement Lands Sold Under the Provisions of Sections 449 to 453, Revised Statutes, During the Years 1903 and 1904.

| 1903.      |        |                 |            | 1904.      |        |                 |            |
|------------|--------|-----------------|------------|------------|--------|-----------------|------------|
| No. Entry. | Acres. | Amount of Sale. | Cash Paid. | No. Entry. | Acres. | Amount of Sale. | Cash Paid. |
| 15,796     | 40.11  | \$ 50.14        | \$ 16.67   | 15,867     | 40.12  | \$ 50.15        | \$16.72    |
| 15,798     | 39.69  | 49.61           | 16.75      | 15,870     | 39.90  | 49.88           | 16.70      |
| 15,803     | 40.08  | 50.10           | 16.75      | Total 1904 | 80.02  | \$100.03        | \$33.42    |
| 15,804     | 40.08  | 50.10           | 16.75      |            |        |                 |            |
| 15,806     | 40.08  | 50.10           | 16.75      |            |        |                 |            |
| 15,820     | 40.40  | 50.50           | 16.75      |            |        |                 |            |
| 15,838     | 40.12  | 60.18           | 20.06      |            |        |                 |            |
| 15,843     | 40.07  | 50.09           | 16.70      |            |        |                 |            |
| 15,845     | 40.07  | 50.09           | 16.70      |            |        |                 |            |
| 15,849     | 40.63  | 50.79           | 16.93      |            |        |                 |            |
| Total 1903 | 401.33 | \$ 511.70       | \$ 170.81  |            |        |                 |            |

TABLE NO. 13—LIST OF INTERNAL IMPROVEMENT LANDS.

Sold under the provisions of Secs. 449 to 453, Revised Statutes, prior to January 1st, 1903, upon which payments were made during the years of 1903 and 1904.

| 1903.              |                              |              | 1904.              |                              |              |
|--------------------|------------------------------|--------------|--------------------|------------------------------|--------------|
| No.<br>of<br>Entry | No.<br>of<br>Instal-<br>ment | Amt.<br>Paid | No.<br>of<br>Entry | No.<br>of<br>Instal-<br>ment | Amt.<br>Paid |
| 15,515             | 3                            | \$ 16.65     | 15,650             | 2                            | \$ 16.55     |
| 15,596             | 3                            | 16.65        | 15,796             | 2                            | 16.74        |
| 15,563             | 2 and 3                      | 33.44        | 15,594             | 3                            | 16.86        |
| 15,612             | 2 and 3                      | 66.65        | 15,729             | 2                            | 20.10        |
| 15,786             | 2 and 3                      | 100.00       | 15,098             | 2 and 3                      | 33.40        |
| 15,547             | 3                            | 16.68        | 15,564             | 3                            | 33.46        |
| 15,608             | 3                            | 33.72        | 15,640             | 3                            | 33.12        |
| 15,594             | 2                            | 16.86        | 15,555             | 2 and 3                      | 33.25        |
| 15,640             | 2                            | 33.13        | 15,631             | 3                            | 33.30        |
| 15,631             | 2                            | 33.35        | 15,838             | 2 and 3                      | 40.12        |
| 15,632             | 2                            | 16.65        | 15,773             | 2                            | 16.70        |
| 15,588             | 3                            | 16.65        | 15,632             | 3                            | 16.60        |
| 15,589             | 3                            | 16.50        | 15,663             | 3                            | 16.34        |
| 15,590             | 3                            | 16.62        | 15,783             | 3                            | 16.75        |
| 15,591             | 3                            | 16.82        | 15,729             | 3                            | 20.07        |
| 15,109             | 2 and 3                      | 66.65        | 15,775             | 2 and 3                      | 66.66        |
| 15,663             | 2                            | 17.00        | 15,654             | 3                            | 16.38        |
| 15,654             | 2                            | 17.00        | 15,849             | 2                            | 16.93        |
| 15,593             | 3                            | 16.60        | T'l. 1904          |                              | \$463.33     |
| T'l. 1903          |                              | \$567.62     |                    |                              |              |

TABLE NO. 14.—SCHOOL LANDS GRANTED UNDER  
ACTS OF CONGRESS OF MARCH 3, 1845, FEB-  
RUARY 26, 1859, AND FEBRUARY 28, 1891.

|                                                             | Acres.               |
|-------------------------------------------------------------|----------------------|
| Amount on hand January 1, 1903, (approx-<br>imated) .....   | 218,461.71           |
| Amount of school indemnity lands approved in<br>1904* ..... | 2,200.76             |
| Total .....                                                 | 220,662.47           |
| Amount sold in 1903 .....                                   | 73,225.14            |
| Amount sold in 1904 .....                                   | 12,059.79— 85,284.93 |
| Balance on hand January 1, 1905 .....                       | 135,377.54           |

TABLE NO. 15—LIST OF SCHOOL LANDS SOLD  
DURING THE YEAR 1903.

| No. Entry | Acres    | Amount   | No. Entry | Acres    | Amount   |
|-----------|----------|----------|-----------|----------|----------|
| 3,374     | 40.13    | \$ 50.16 | 3,438     | 40.05    | \$ 50.06 |
| 3,375     | 1,243.37 | 1,554.21 | 3,439     | 40.00    | 50.00    |
| 3,376     | 39.98    | 39.98    | 3,440     | 317.28   | 396.60   |
| 3,377     | 39.95    | 39.95    | 3,441     | 643.76   | 804.70   |
| 3,378     | 319.92   | 319.92   | 3,442     | 640.76   | 640.76   |
| 3,379     | 200.08   | 250.10   | 3,443     | 6,310.61 | 7,888.26 |
| 3,380     | 80.00    | 100.00   | 3,445     | 440.00   | 550.00   |
| 3,381     | 382.51   | 478.14   | 3,446     | 400.50   | 500.63   |
| 3,382     | 39.90    | 49.88    | 3,448     | 319.50   | 399.38   |
| 3,383     | 2,561.32 | 3,201.65 | 3,449     | 480.42   | 600.53   |
| 3,384     | 119.86   | 119.86   | 3,450     | 1,120.00 | 1,400.00 |
| 3,385     | 1,039.50 | 1,299.37 | 3,451     | 640.00   | 800.00   |
| 3,388     | 400.35   | 500.44   | 3,452     | 80.00    | 100.00   |
| 3,389     | 640.00   | 800.00   | 3,453     | 640.40   | 800.50   |
| 3,390     | 40.78    | 50.98    | 3,454     | 279.44   | 349.30   |
| 3,391     | 200.15   | 130.09   | 3,455     | 440.00   | 550.00   |
|           |          |          | 3,456     | 40.13    | 100.33   |
| 3,394     | 998.98   | 1,248.73 | 3,457     | 199.61   | 249.51   |
| 3,395     | 478.74   | 598.43   | 3,458     | 644.64   | 805.80   |
| 3,396     | 104.50   | 130.62   | 3,459     | 40.00    | 50.00    |
| 3,397     | 119.99   | 149.99   | 3,460     | 120.18   | 150.23   |
| 3,398     | 5,691.61 | 5,691.61 | 3,461     | 40.05    | 50.06    |
| 3,399     | 1,840.80 | 2,301.00 | 3,462     | 1,684.72 | 2,105.90 |
| 3,400     | 80.00    | 100.00   | 3,463     | 1,241.51 | 1,551.89 |
| 3,402     | 3,836.72 | 4,796.90 | 3,464     | 39.95    | 49.94    |
| 3,403     | 519.40   | 259.70   | 3,465     | 160.04   | 200.05   |
| 3,404     | 40.00    | 50.00    | 3,466     | 159.63   | 199.54   |
| 3,405     | 406.63   | 508.29   | 3,467     | 442.74   | 553.43   |
| 3,406     | 400.45   | 500.56   | 3,468     | 40.23    | 50.29    |
|           |          |          | 3,469     | 80.00    | 100.00   |
| 3,408     | 640.24   | 800.30   | 3,470     | 160.00   | 200.00   |
| 3,409     | 640.00   | 800.00   | 3,471     | 400.15   | 500.19   |
| 3,410     | 1,280.00 | 1,600.00 | 3,472     | 640.24   | 800.30   |
| 3,411     | 75.98    | 75.98    | 3,473     | 80.15    | 100.19   |
| 3,412     | 640.00   | 800.00   | 3,474     | 361.54   | 451.93   |
| 3,413     | 239.04   | 298.80   | 3,475     | 3,827.90 | 4,784.88 |
| 3,414     | 159.24   | 199.05   | 3,477     | 120.00   | 150.00   |
| 3,415     | 880.30   | 1,100.38 | 3,478     | 640.00   | 800.00   |
| 3,416     | 1,091.07 | 1,363.84 | 3,479     | 641.20   | 801.50   |
| 3,418     | 2,646.73 | 2,646.73 | 3,480     | 319.42   | 399.28   |

(Continued.)

TABLE No. 15—Continued.

| No. Entry | Acres    | Amount   | No. Entry | Acres     | Amount      |
|-----------|----------|----------|-----------|-----------|-------------|
| 3,420     | 598.13   | 747.66   | 3,481     | 407.25    | 509.06      |
| 3,421     | 640.04   | 800.05   | 3,482     | 40.64     | 50.80       |
| 3,425     | 521.76   | 652.20   | 3,483     | 81.68     | 102.10      |
| 3,426     | 560.00   | 560.00   | 3,484     | 39.97     | 49.96       |
| 3,428     | 200.08   | 250.10   | 3,485     | 39.89     | 49.87       |
| 3,429     | 628.40   | 785.50   | 3,486     | 5,275.86  | 5,275.86    |
| 3,430     | 360.45   | 450.56   | 3,487     | 598.76    | 748.45      |
| 3,432     | 640.00   | 800.00   | 3,488     | 400.00    | 300.00      |
| 3,433     | 558.50   | 698.12   | 3,489     | 634.32    | 792.90      |
| 3,435     | 2,517.80 | 3,147.25 | 3,490     | 40.02     | 50.03       |
| 3,436     | 1,284.40 | 1,605.50 | 3,491     | 240.75    | 300.94      |
| 3,437     | 640.16   | 800.20   | 3,492     | 399.35    | 499.19      |
|           |          |          | T'l. 1903 | 72,503.18 | \$86,117.90 |

\* The missing numbers are Seminary or Installment Entries. See Tables Nos. 17 and 19.

TABLE NO. 16.

List of School Lands Sold During the Year 1904.

| No.<br>Entry. | Acres. | Amount.  | No.<br>Entry. | Acres.    | Amount.      |
|---------------|--------|----------|---------------|-----------|--------------|
| 3,493         | 40 06  | \$ 50.07 | 3,517         | 640.00    | \$ 1,280.00  |
| 3,494         | 199.48 | 249.35   | 3,518         | 640.00    | 1,280.00     |
| 3,495         | 39.88  | 49.85    | 3,519         | 50.00     | 62.50        |
| 3,496         | 39.88  | 49.85    | 3,521         | 600.00    | 450.00       |
| 3,498         | 240.00 | 300.00   | 3,522         | 119.64    | 149.55       |
| 3,499         | 516.23 | 1,032.46 | 3,523         | 639.60    | 799.50       |
| 3,500         | 639.52 | 1,279.04 | 3,524         | 39.80     | 99.50        |
| 3,501         | 120.10 | 150.12   | 3,525         | 640.00    | 800.00       |
| 3,502         | 401.23 | 501.54   | 3,526         | 160.06    | 320.12       |
| 3,503         | 359.61 | 449.51   | 3,527         | 320.60    | 512.96       |
| 3,504         | 39.97  | 49.96    | 3,528         | 320.60    | 512.96       |
| 3,505         | 31.50  | 39.38    | 3,530         | 241.35    | 482.70       |
| 3,506         | 66.70  | 83.38    | 3,531         | 100.00    | 200.00       |
| 3,507         | 641.50 | 801.88   | 3,532         | 37.32     | 74.64        |
| 3,508         | 160.00 | 240.00   | 3,533         | 80.31     | 160.62       |
| 3,510         | 40.09  | 50.11    | 3,534         | 633.53    | 791.91       |
| 3,511         | 5.42   | 5.42     | 3,535         | 520.00    | 650.00       |
| 3,512         | 208.20 | 208.20   | 3,536         | 600.00    | 750.00       |
| 3,513         | 404.84 | 404.84   | 3,537         | 639.60    | 1,279.20     |
| 3,514         | 163.25 | 204.00   | 3,538         | 160.00    | 320.00       |
| 3,515         | 160.14 | 200.18   |               |           |              |
| 3,516         | 239.81 | 479.62   | Total         | 11,939.82 | \$ 17,854.98 |

When entries Nos. 2,302 to 3,306, inclusive, were made, August 15, 1902, amounting to \$1,517.56, the amount was charged on floats issued by Board, January 4, 1902; and not knowing the Treasurer had not placed the money he received for the floats to the credit of the School Fund, but was holding it under order of the Board as per minutes of Board of January 4, 1902, to be credited when notified of these entries, these certificates of entries were not turned over August 15, 1902 and were turned in February 20, 1904, to have amount of same properly credited to School Fund. This money was never paid into this office.

\* The missing numbers are Seminary or Installment Entries. See Tables Nos. 17 and 19.

TABLE NO. 17.

List of School Lands Sold Under the Provisions of Sections 449 to 453, Revised statutes, During the Years 1903 and 1904,

| 1903.      |        |                 |            | 1904.      |        |                 |            |
|------------|--------|-----------------|------------|------------|--------|-----------------|------------|
| No. Entry. | Acres. | Amount of Sale. | Cash Paid. | No. Entry. | Acres. | Amount of Sale. | Cash Paid. |
| 3,386      | 39.97  | \$ 49.96        | \$ 16.33   | 3,509      | 80.00  | \$100.00        | \$33.34    |
| 3,387      | 40 17  | 50.21           | 16.75      | 3,539      | 39.97  | 49.66           | 16.70      |
| 3,392      | 40.00  | 50.00           | 16.75      |            |        |                 |            |
| 3,393      | 40.00  | 50.00           | 16.67      | Total 1904 | 119.97 | \$149.66        | \$50.04    |
| 3,401      | 82.00  | 102.50          | 34.20      |            |        |                 |            |
| 3,407      | 40.00  | 50.00           | 16.75      |            |        |                 |            |
| 3,417      | 40.00  | 50.00           | 16.75      |            |        |                 |            |
| 3,422      | 39.96  | 49.95           | 17.00      |            |        |                 |            |
| 3,423      | 39.48  | 49.36           | 16.75      |            |        |                 |            |
| 3,424      | 40.00  | 50.00           | 16.75      |            |        |                 |            |
| 3,444      | 161.00 | 201.25          | 66.67      |            |        |                 |            |
| 3,447      | 79.25  | 99.06           | 33.34      |            |        |                 |            |
| 3,476      | 40.07  | 50.06           | 16.67      |            |        |                 |            |
| Total 1903 | 721.96 | \$ 902.44       | \$ 301.38  |            |        |                 |            |

TABLE NO. 18—LIST OF SCHOOL LANDS

Sold under the provisions of Sections 449 to 453, Revised Statutes, prior to January 1st, 1903, upon which payments were made during the years of 1903 and 1904.

| 1903.              |                              |                | 1904.              |                               |                |
|--------------------|------------------------------|----------------|--------------------|-------------------------------|----------------|
| No.<br>of<br>Entry | No.<br>of<br>Instal-<br>ment | Amount<br>Paid | No.<br>of<br>Entry | No.<br>of<br>Instal'-<br>ment | Amount<br>Paid |
| 3,027              | 3                            | \$ 16.55       | 2,889              | 2 and 3                       | \$ 66.52       |
| 3,009              | 2 and 3                      | 99.83          | 3,145              | 3                             | 16.60          |
| 3,061              | 3                            | 14.98          | 3,294              | 2 and 3                       | 67.00          |
| 3,125              | 3                            | 16.64          | 3,248              | 2                             | 16.68          |
| 3,015              | 2 and 3                      | 66.43          | 3,129              | 3                             | 16.68          |
| 2,795              | 2 and 3                      | 33.38          | 2,673              | 2 and 3                       | 33.36          |
| 3,228              | 2 and 3                      | 99.44          | 3,259              | 2                             | 16.65          |
| 3,154              | 2                            | 16.51          | 3,143              | 3                             | 16.69          |
| 2,951              | 2 and 3                      | 66.88          | 2,876              | 2 and 3                       | 33.36          |
| 3,042              | 3                            | 66.26          | 3,154              | 3                             | 16.52          |
| 3,115              | 2 and 3                      | 65.25          | 3,180              | 3                             | 16.57          |
| 3,174              | 2                            | 33.38          | 3,266              | 2                             | 12.83          |
| 3,082              | 3                            | 16.87          | 3,185              | 3                             | 33.17          |
| 3,055              | 3                            | 50.25          | 2,728              | 3                             | 33.40          |
| 3,070              | 3                            | 16.77          | 3,238              | 2                             | 16.74          |
| 3,143              | 2                            | 16.68          | 2,556              | 3                             | 12.29          |
| 3,036              | 3                            | 33.35          | 3,278              | 2 and 3                       | 33.30          |
| 3,180              | 2                            | 16.57          | 3,175              | 3                             | 16.70          |
| 3,185              | 2                            | 33.17          | 2,825              | 2                             | 16.83          |
| 3,124              | 2 and 3                      | 66.86          | 3,041              | 2                             | 33.35          |
| 2,798              | 2 and 3                      | 33.42          | 2,821              | 2 and 3                       | 33.86          |
| 2,807              | 2 and 3                      | 33.38          | 2,918              | 2 and 3                       | 33.49          |
| 3,175              | 2                            | 16.71          | 3,001              | 2 and 3                       | 33.25          |
| 3,081              | 3                            | 33.25          | 2,822              | 3                             | 16.65          |
| 3,065              | 3                            | 16.59          | 2,827              | 3                             | 33.40          |
| 3,033              | 2 and 3                      | 132.69         | 2,860              | 3                             | 16.70          |
| 3,048              | 2 and 3                      | 132.69         | 3,225              | 2 and 3                       | 33.35          |
| 2,740              | 2 and 3                      | 33.75          | 2,681              | 2 and 3                       | 33.35          |
| 3,090              | 3                            | 66.72          | 3,207              | 3                             | 66.71          |
| 2,215              | 2 and 3                      | 33.37          | 3,208              | 3                             | 66.72          |

(Continued.)

TABLE No. 18--Continued.

| 1903.        |                    |             | 1904.        |                    |             |
|--------------|--------------------|-------------|--------------|--------------------|-------------|
| No. of Entry | No. of Installment | Amount Paid | No. of Entry | No. of Installment | Amount Paid |
| 2,675        | 2 and 3            | 100.16      | 3,224        | 3                  | 66.51       |
| 3,108        | 3                  | 16.60       | 2,635        | 2 and 3            | 33.30       |
| 3,401        | 2 and 3            | 68.30       |              |                    |             |
| 3,207        | 2                  | 66.71       | T'l. 1904    |                    | \$ 992.53.  |
| 3,208        | 2                  | 66.71       |              |                    |             |
| 2,941        | 2 and 3            | 33.18       |              |                    |             |
| 3,147        | 2 and 3            | 33.47       |              |                    |             |
| 3,174        | 3                  | 33.39       |              |                    |             |
| 3,224        | 2                  | 66.52       |              |                    |             |
| 3,444        | 2 and 3            | 134.58      |              |                    |             |
| 3,137        | 3                  | 33.45       |              |                    |             |
| 3,104        | 3                  | 32.60       |              |                    |             |
| T'l. 1903    |                    | \$2,064.29  |              |                    |             |

(Continued.)

## SCHOOL INDEMNITY LANDS.

On February 14th, 1893, the State Board of Education appointed B. F. Hampton, Esq., of Gainesville, Florida, agent to select School Indemnity Lands due the State under act of Congress of February 26, 1859, and afterwards the board entered into contract with Mr. James M. Graham, of Alachua county, Florida, to sell him all lands approved to the State under the selection of B. F. Hampton, at the rate of one dollar and twenty-five cents an acre. The board has not been put to any expense in making these selections, and has not paid any commissions for the work.

The contract made with Messrs. Graham and Hampton is as follows:

## STATE OF FLORIDA.

## Leon County.

This contract made and entered into this 25th day of April, A. D. 1893, by and between Henry L. Mitchell, Governor; William B. Lamar, Attorney-General; John L. Crawford, Secretary of State; Clarence B. Collins, State Treasurer, and William N. Sheats, Superintendent Public Instruction, as officers and members of the State Board of Education of Florida, parties of the first part, and James M. Graham, by his attorney in fact, Benjamin F. Hampton, party of the second part, witnesseth:

That the said parties of the first part hereby agree to sell to the said party of the second part, his heirs, administrators, executors and assigns, all the school indemnity lands now due and owing to the State of Florida by the United States, under the act of Congress of February 26th, 1859, including all lands now selected under said act, and not yet approved by the Department of the Interior, at one dollar and twenty-five cents (\$1.25) per acre, and to make to him or such persons as he may designate, deeds thereto, upon the payment of such sum of \$1.25 per acre. It is expressly understood that the said James M. Graham hereby agrees and obligates himself to purchase *at the price named, all the lands found to be due* and owing to the State, under the said act of Congress of February 26th, 1859, when the same have been approved, and in order to indemnify the said Board against loss by his failure or refusal to carry out the con-

ditions of this contract, the said Graham has deposited \$1,500 with the State Treasurer, which said amount, in event of his failure, or refusal, as above set forth, he agrees shall be forfeited to the Board, otherwise the same shall be accepted by the said Board in its final settlement with the said James M. Graham as a part of the purchase money mentioned herein.

In witness whereof, we have hereunto set our hands and seals in the city of Tallahassee, Florida, this 25th day of April, A. D. 1893.

HENRY L. MITCHELL, Governor.

(Seal JNO. L. CRAWFORD, Secretary of State.  
State Board CLARENCE B. COLLINS, State Treasurer.  
of W. B. LAMAR, Attorney-General.  
Education.) WM. N. SHEATS, State Supt. Pub. In.  
JAMES M. GRAHAM, by B. F. Hampton,  
Attorney in Fact.

And under agreements made June 7, 1899, and February 28, 1900, the State Board of Education appointed B. F. Hampton as agent for the State to secure indemnity for all 16 sections in the Forbes Purchase agreeing to pay him 20 per cent. of all indemnity lands secured by him for the 16 sections covered by said Forbes Purchase, and subsequently agreeing to sell him the remainder of said lands secured by him at the rate of \$1.00 per acre, the said Hampton agreeing to take all.

The contracts made with B. F. Hampton are as follows:

This agreement, made and entered into on this 7th day of June, A. D. 1899, by and between the State Board of Education of Florida, party of the first part, and Benjamin F. Hampton, of Alachua county, Florida, party of the second part, witnesseth: That,

Whereas, The State of Florida is entitled to receive indemnity from the United States Government for the lands in the 16th sections in the sales made by the said Government known as the "Forbes Purchase;" and,

Whereas, The State Board of Education desires to and does engage the services of the party of the second part for the purpose of procuring indemnity from the United States Government by reason of the said "Forbes Purchase," it being deemed necessary to have an agent for this purpose, it is therefore agreed, by and between the parties to this instrument, that the said party of

the second part be, and is hereby employed, constituted and appointed as the agent of the State of Florida, for the purpose of procuring the said indemnity; and the said party of the second part accepts the said employment, and agrees to become the agent of the said State of Florida for the purpose aforesaid, and as compensation for his services, the said party of the first part agrees to transfer and assign to the said party of the second part, twenty, (20) per cent. of the acreage so procured by the said party of the second part as agent aforesaid, and the party of the second part agrees to accept said twenty (20) per cent. of the acreage so procured by him, in full settlement for his services, and for all expenses that he may incur in the procuring of the said indemnity as aforesaid.

It is further stipulated that the said party of the second part shall be the sole and exclusive agent of the State of Florida in the procuring of said indemnity from the United States Government, and he shall have and receive from the party of the first part one-fifth of all the acreage that may be allowed to the State of Florida by reason of the said "Forbes Purchase," which said acreage shall be certified to him by the said Board when the same shall have been secured from the Government, and he is hereby appointed agent of the State to select therewith such Government lands as he may want, and the said Board shall deliver deeds thereto to such person or persons as he may designate.

In testimony whereof, the said parties and each of them, have hereunto set their hands and seals, the said Board of Education of Florida has caused the great seal of the said State to be attached hereto by the President and Secretary of said body corporate.

THE STATE BOARD OF EDUCATION OF FLORIDA.

W. D. BLOXHAM,

President.

(Seal)

Attest:

WM. N. SHEATS,

Secretary.

B. F. HAMPTON. [L. s.]

STATE OF FLORIDA,

County of Leon.

This indenture made and entered into on this 28th day of February, A. D. 1900, by and between the State Board of Education, a body corporate under the laws

of the State of Florida, party of the first part, and Benjamin F. Hampton, of Gainesville, Alachua county, Florida, party of the second part, witnesseth:

That, Whereas, the said State Board of Education, on the 16th day of January, 1900, passed the following resolution, to-wit: "Resolved, That a contract be, and is hereby made by this Board, with Benjamin F. Hampton, of Gainesville, Florida, to sell and convey to him all of the School Indemnity Lands that he may secure to the State of Florida by reason of the Forbes Purchase (except what will be due to him as commissions), at and for the sum of \$1 per acre—the purchase price to be paid when the lands shall have been approved and deeds are ready to be made by the Board.

The deeds to be made to such person or persons as said Benjamin F. Hampton may direct the Commissioner of Agriculture in writing.

Resolved further, That said B. F. Hampton shall take all of such lands within two years from the time the State is ready to make deeds and to give such guarantee as the Board may require that he will take the whole of such lands at the expiration of that time.

And, whereas, The said party of the second part has accepted the terms and conditions of said resolution, and has agreed to conform thereto and to purchase the lands recited therein. Now, therefore, in consideration of the premises, and pursuant to the said resolution, the said State Board of Education does herein and hereby obligate and bind itself and its successors in office, to grant, bargain, sell and convey unto the said Benjamin F. Hampton and to his heirs and assigns, all of the School Indemnity Lands that the said Benjamin F. Hampton may secure to the State of Florida by reason of the Forbes Purchase (except what will be due to him as commissions), at and for the sum of \$1 per acre, the purchase price to be paid when the lands shall have been approved and deeds are ready to be made by the said Board to the said Hampton upon the payment by the said Benjamin F. Hampton or his heirs or assigns of the said purchase price of \$1 per acre; Provided, however, that the said Benjamin F. Hampton, or his assigns, shall take all of said lands within two years from the time that the State of Florida, by and through said State Board of Education, is ready to make deeds thereto.

And, provided further, That before any part of said lands shall have been deeded to the said Benjamin F. Hampton, his heirs or assigns, other than as his commissions as aforesaid, he, the said Benjamin F. Hampton, shall make and execute to the State of Florida such bond or obligation as the State Board of Education shall require, agreeing and obligating himself to purchase the whole of said lands within the two years from the time that the State Board of Education is ready and able to make deeds thereto.

In witness whereof, the said State Board of Education, by its duly authorized president and attested by its secretary, hath authorized the execution of this instrument and hath authorized that its corporate seal be attached hereto as provided by law, on the day and year first above written.

THE STATE BOARD OF EDUCATION.

Per W. D. BLOXHAM, Pres.

Attest: WM. N. SHEATS, Sect'y.

B. F. HAMPTON. [Seal.]

Signed, sealed and delivered in  
the presence of us as witnesses—

JAS. H. RANDOLPH,

W. M. McINTOSH,

Witnesses as to signature of B. F. Hampton—

G. DZIALINSKI,

[Seal.] W. W. HAMPTON. [Seal.]

Following out the provisions of the foregoing contracts, the State has secured as indemnity 40,111.76 acres of land from the United States Government, after deducting the 20 per cent. allowed B. F. Hampton under his contract, to-wit: 8,022.35 acres, there was not to the State 32, 089.41 acres, 1,608.17 acres having been conveyed to the State prior to Hampton's contract to purchase; there was left 30,481.24 acres, and in accordance with the above contract the said Hampton has paid or caused to be paid to the State Treasurer the sum of \$30,481.24, being \$1.00 per acre as stipulated in the contract. Certificates and floats have been issued to the said Hampton or his assigns to cover any amounts, for which patents have not yet issued.

From time to time as the patents are issued to the State, deeds are issued and credited on these floats, the

money having been paid over to the State Treasurer, at the time the floats or certificates were issued. There only remains 1,733 and 21-100 acres yet to be deeded, to completely close up this important transaction, which has added a neat sum to the State School Fund.

TABLE NO. 19—SEMINARY LANDS.

|                                   | Acres.             |
|-----------------------------------|--------------------|
| Amount sold during 1903 .....     | etashrdltahrdluana |
| Amount on hand Jan. 1, 1903.....  | 27,081.50          |
| Amount sold during 1903.....      | 22,177.78          |
| Amount sold during 1904.....      | 517.88             |
|                                   | 22,695.66          |
| Balance on hand Jan. 1, 1905..... | 4,385.84           |

List of Seminary Lands Sold During the Years 1903  
and 1904.

| 1903.       |           |             | 1904.       |        |          |
|-------------|-----------|-------------|-------------|--------|----------|
| No. Entry   | Acres     | Amount      | No. Entry   | Acres  | Amount   |
| 3,419       | 20,522 20 | \$20,522 20 | 3,497       | 439 50 | \$549 38 |
| 3,427       | 1,576.48  | 1,182 36    | 3,520       | 38 38  | 95 95    |
|             |           |             | 3,529       | 40 00  | 100 00   |
| *Total 1903 | 22,098.68 | \$21,704 56 | †Total 1904 | 517.88 | \$745.38 |

List of Seminary Lands Sold Under the Provisions of  
Sections 449 to 453, Revised Statutes, During  
the Years 1903 and 1904.

| No. Entry   | Acres. | Amount of Sale | Cash Paid |
|-------------|--------|----------------|-----------|
| 3,431       | 39.55  | \$ 79 10       | \$ 26 40  |
| 3,434       | 39.55  | 79 10          | 26 37     |
| *Total 1903 | 79.10  | \$158 20       | \$ 55 77  |

\* The missing numbers are School or Installment Entries. See Tables 15, 16 and 17.

TABLE NO. 20.—RECAPITULATION OF SALES FOR CASH IN 1903 AND 1904.

| 1903.                                                                                                             | Swamp.     |                 |              | Internal Improvement. |                 |              | School.    |                 |              | Seminary  |                 |             |
|-------------------------------------------------------------------------------------------------------------------|------------|-----------------|--------------|-----------------------|-----------------|--------------|------------|-----------------|--------------|-----------|-----------------|-------------|
|                                                                                                                   | Acres      | Amount of Sale. | Cash Paid.   | Acres.                | Amount of Sale. | Cash Paid.   | Acres.     | Amount of Sale. | Cash Paid.   | Acres     | Amount of Sale. | Cash Paid   |
| Cash Entries .....                                                                                                | 109,732.14 | \$ 38,689.13    | \$ 38,689.13 | 14,547.23             | \$13,672.11     | \$ 13,672.11 | 72,503.18  | \$ 86,117.90    | \$ 86,117.90 | 22,098.68 | \$21,704.56     | \$21,704.56 |
| Installment Entries under Sections 449 to 453, R. S. ....                                                         |            |                 |              | 401.33                | 511.70          | 170.81       | 721.96     | 902.44          | 301.88       | 79.10     | 158.20          | 52.77       |
| Total Sales, 1903. ....                                                                                           | 109,732.14 | \$ 38,689.13    | \$ 38,689.13 | 14,948.56             | \$14,183.81     | \$ 13,842.92 | 73,225.14  | \$ 87,020.34    | \$ 86,419.78 | 22,177.78 | \$21,862.76     | \$21,757.33 |
| Amount Collected under Installment entries of previous years .....                                                |            |                 |              |                       |                 | 567.62       |            |                 | \$ 2,064.29  |           |                 |             |
| Total acres sold and cash received in 1903 .....                                                                  | 109,732.14 | \$ 38,689.13    | \$ 38,689.13 | 14,948.56             | 14,183.81       | 14,410.54    | 73,225.14  | \$ 87,020.34    | \$ 88,484.07 | 22,177.78 | \$21,862.76     | \$21,757.33 |
| 1904.                                                                                                             |            |                 |              |                       |                 |              |            |                 |              |           |                 |             |
| Cash Entries .....                                                                                                | 4,600.39   | \$ 4,568.25     | \$ 4,568.25  | 1,563.19              | \$ 2,037.94     | \$ 2,037.94  | 11,939.82  | \$ 17,854.98    | \$ 17,854.98 | 517.88    | 745.33          | 745.33      |
| Installment Entries under Sections 449 to 453, R. S. ....                                                         |            |                 |              | 80.02                 | 100.03          | 33.42        | 119.97     | 149.96          | 50.04        |           |                 |             |
| Total sales 1904. ....                                                                                            | 4,600.39   | \$ 4,568.25     | \$ 4,568.25  | 1,643.21              | \$ 2,137.97     | \$ 2,071.36  | 12,059.79  | \$ 18,004.94    | \$ 17,905.02 | 517.88    | 745.33          | 745.33      |
| Amount credited on Entries 3302 to 3306 made in 1902 by Hampton. See list preceding of school sales in 1904 ..... |            |                 |              |                       |                 |              | 1,526.40   | 1,526.40        | 1,517.56     |           |                 |             |
| Amount collected under installment entries of previous years .....                                                |            |                 |              |                       |                 | 463.33       |            |                 | 992.53       |           |                 |             |
| Total acres sold and cash received in 1904 .....                                                                  | 4,600.39   | \$ 4,568.25     | \$ 4,568.25  | 1,643.21              | \$ 2,137.97     | \$ 2,534.69  | 13,586.19  | \$ 19,531.34    | \$ 20,415.11 | 517.88    | \$ 745.33       | \$ 745.33   |
| Total 1901 and 1902. ....                                                                                         | 319,721.64 | \$293,472.13    | \$293,472.13 | 41,768.36             | \$36,154.83     | \$ 37,130.88 | 104,114.49 | \$106,260.30    | \$107,842.91 | 1,302.47  | \$ 1757.79      | \$ 1,707.59 |
| Total 1903 and 1904. ....                                                                                         | 114,332.53 | 43,257.38       | 43,257.38    | 16,591.77             | 16,321.78       | 16,945.23    | 86,811.33  | \$106,531.0     | \$108,333.1  | 22,695.66 | \$22,608.09     | \$22,502.66 |
| Total 1901, 1902, 1903 and 1904 .....                                                                             | 434,054.17 | \$336,729.51    | \$336,729.51 | 58,360.13             | \$52,476.61     | \$ 54,076.11 | 190,925.82 | \$212,811.98    | \$216,742.09 | 23,998.13 | \$24,365.88     | \$24,210.25 |

TABLE NO. 21.

Statement showing the area of U. S. Government land unappropriated, etc., in Florida.

The greater part of the land in the State is level and timbered and there are no mountains. There are some large swamps and marshes in the southern part of the State.

| Land District.    | County          | Area unappropriated and unreserved |             |         | Area reserved | Area appropriated | Total area of land surface of the county in land district, | Brief Description of character of unappropriated and unreserved land. |
|-------------------|-----------------|------------------------------------|-------------|---------|---------------|-------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
|                   |                 | Surveyed.                          | Unsurveyed. | Total.  |               |                   |                                                            |                                                                       |
| Gainesville ..... | Alachua .....   | 13,967                             |             | 13,967  |               | 864,533           | 818,500                                                    | Low pine land.                                                        |
|                   | Baker .....     | 2,107                              |             | 2,107   |               | 369,897           | 372,000                                                    | Do.                                                                   |
|                   | Bradford .....  | 885                                |             | 885     |               | 340,115           | 341,000                                                    | Do.                                                                   |
|                   | Brevard .....   | 62,872                             | 29,302      | 92,174  | 115           | 1,480,711         | 1,573,000                                                  | Low pine and swamp land.                                              |
|                   | Calhoun .....   | 53,995                             |             | 53,995  | 2,483         | 657,022           | 713,500                                                    | Low pine land.                                                        |
|                   | Citrus .....    | 9,476                              |             | 9,476   |               | 411,024           | 420,500                                                    | Do.                                                                   |
|                   | Clay .....      | 26,050                             |             | 26,050  |               | 367,450           | 393,500                                                    | Do.                                                                   |
|                   | Columbia .....  | 2,147                              |             | 2,147   |               | 511,353           | 513,500                                                    | Do.                                                                   |
|                   | Dade .....      | 22,931                             | 92.9        | 115,841 | 1,854         | 2,719,252         | 2,837,000                                                  | Do.                                                                   |
|                   | De Soto .....   | 71,094                             |             | 71,094  |               | 2,359,903         | 2,431,000                                                  | Do.                                                                   |
|                   | Duval .....     | 500                                | 1,200       | 1,700   |               | 501,300           | 503,000                                                    | Do.                                                                   |
|                   | Escambia .....  | 5,184                              |             | 5,187   | 4,894         | 424,414           | 434,500                                                    | Do.                                                                   |
|                   | Franklin .....  |                                    |             |         |               | 457,000           | 457,000                                                    | No vacant public land.                                                |
|                   | Gadsden .....   | 4,112                              |             | 4,112   |               | 333,888           | 338,000                                                    | Low pine land.                                                        |
|                   | Hamilton .....  | 2,924                              |             | 2,924   |               | 338,576           | 341,500                                                    | Do.                                                                   |
|                   | Hernando .....  | 3,562                              |             | 3,562   |               | 328,438           | 332,000                                                    | Do.                                                                   |
|                   | Hillsboro ..... | 2,189                              |             | 2,189   | 1,235         | 841,576           | 845,000                                                    | Low pine and swamp land.                                              |
|                   | Holmes .....    | 1,969                              |             | 1,969   |               |                   | 290,500                                                    | Low pine land.                                                        |
|                   | Jackson .....   | 2,023                              |             | 2,023   |               | 632,977           | 636,000                                                    | Do.                                                                   |
|                   | Jefferson ..... | 386                                |             | 386     |               | 378,614           | 379,000                                                    | Do.                                                                   |
|                   | Lafayette ..... | 27,123                             |             | 27,123  |               | 770,377           | 797,500                                                    | Low pine and swamp land.                                              |
|                   | Lake .....      | 43,406                             |             | 43,406  |               | 622,599           | 666,000                                                    | Low pine land.                                                        |
|                   | Lee .....       | 30,518                             | 12,800      | 43,318  | 1,176         | 2,935,646         | 2,980,140                                                  | Low pine and swamp land.                                              |
|                   | Leon .....      | 1,569                              |             | 1,569   |               | 466,431           | 468,000                                                    | Low pine land.                                                        |
|                   | Levy .....      | 20,136                             |             | 20,136  | 212           | 715,652           | 736,000                                                    | Do.                                                                   |
|                   | Liberty .....   |                                    |             |         |               | 478,000           | 478,000                                                    | No vacant public land.                                                |
|                   | Madison .....   | 1,201                              |             | 1,201   |               | 455,299           | 456,500                                                    | Low pine land.                                                        |

|                                      |         |         |           |           |            |                          |
|--------------------------------------|---------|---------|-----------|-----------|------------|--------------------------|
| Manatee...                           | 11,487  | 11,487  | 11,487    | 856,513   | 868,000    | Do.                      |
| Marion.....                          | 141,586 | 141,586 | 141,586   | 904,414   | 1,046,000  | Do.                      |
| Monroe.....                          | 7,000   | 7,000   | 7,000     | 935,000   | 942,000    | Low pine and swamp land. |
| Nassau.....                          | 6,350   | 6,350   | 6,350     | 406,731   | 413,500    | Low pine land.           |
| Orange.....                          | 20,293  | 8,320   | 33,613    | 778,387   | 812,000    | Do.                      |
| Osceola.....                         | 15,430  | 2,408   | 17,838    | 1,116,162 | 1,134,000  | Do.                      |
| Pasco.....                           | 2,633   | 2,633   | 2,633     | 488,867   | 491,500    | Do.                      |
| Polk.....                            | 24,640  | 24,640  | 24,640    | 1,161,360 | 1,186,000  | Do.                      |
| Putnam.....                          | 13,823  | 13,823  | 13,823    | 463,177   | 477,000    | Do.                      |
| St. John.....                        | 15,332  | 15,332  | 643       | 598,525   | 614,500    | Do.                      |
| Santa Rosa..                         | 82,966  | 82,966  | 267       | 830,267   | 1,013,500  | Do.                      |
| Sumter.....                          | 1,200   | 1,200   | 1,200     | 376,300   | 377,500    | Do.                      |
| Suwannee....                         | 1,619   | 1,619   | 1,619     | 440,881   | 442,500    | Do.                      |
| Taylor.....                          | 10,805  | 10,805  | 10,805    | 683,195   | 694,000    | Do.                      |
| Volusia.....                         | 18,666  | 13,080  | 31,746    | 765,254   | 797,000    | Do.                      |
| Wakulla....                          | 600     | 600     | 600       | 391,900   | 392,500    | Do.                      |
| Walton....                           | 180,283 | 130,283 | 130,283   | 768,717   | 809,000    | Do.                      |
| Washington                           | 75,732  | 75,732  | 5,958     | 838,310   | 920,000    | Do.                      |
| Total in dis-<br>trict and<br>State. | 997,777 | 160,070 | 1,157,847 | 19,259    | 33,895,534 | 35,072,640               |